



STAFFORDSHIRE COUNTY COUNCIL

The 63rd
ANNUAL REPORT
OF THE
County Principal
School Medical Officer

For the year 1970



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ANNUAL REPORT OF THE COUNTY PRINCIPAL SCHOOL MEDICAL OFFICER FOR 1970

FOREWORD

Detailed comparisons of the work achieved during the year under review and the previous years is made difficult by an administrative change, which resulted in a reduction of the population of school children within the Administrative County. The same situation occurred in 1967 following the review of the County Boundary and the present change is due to the Excepted District of Aldridge-Brownhills becoming responsible during the year for the school health service within its boundaries. As a result 17,492 school children, 2 doctors, and 5 nurses have been deducted from the statistics in comparison with the previous year. Therefore a comment this year is limited to some general observations.

The first of these, rather obviously, is to point out the disruptive effect of changes in boundaries on the whole service and in particular on the administrative and clerical staff. Much time is taken by the transfer of records and staff and a feeling of uncertainty about the future is occasioned. This feeling was accentuated by the announcement by the last Government that the Health Services are to be removed from Local Government control. One result has been to make the recruitment and retention of staff more difficult. Allowing for the numbers transferred to Aldridge-Brownhills Excepted District, the numbers of doctors, school nurses, speech therapists and dental auxiliaries fell, though for the first time for some years there was a slight increase in the number of dental surgeons employed. To the problem of how the school health service shall be administered in the new Health Service is added the difficulty of maintaining it up to the time of the expected change.

The success of the use of a questionnaire to parents in respect of the routine examination of pupils has led to its adoption for other purposes viz. fitness to attend on adventure courses and in connection with employment licences. By their use it is possible to reduce to a relatively small number those children requiring medical examinations.

The Health Education Section has accomplished more work during the year, as can be seen by the report on pages 50 & 51. This is indeed a very welcomed report for the importance of health education during school life cannot be over emphasised. The members of that section have been well received in schools by the teaching staff and the relationship is most cordial. While there will always be a need for a specialised Health Education staff, clearly full effectiveness of the service can only be obtained by the participation of the teachers themselves. To arouse interest, a course of lectures on Health Education was arranged during the year for the first year student teachers at Madeley College of Education and it is intended that these shall be repeated annually.

Vaccination of 13 year old school girls against Rubella (German Measles) was introduced towards the end of the year. This is an important preventive measure aimed at protecting girls before they reach child bearing age, as infection in early pregnancy may result in the birth of a severely handicapped child. Vaccine was supplied free of charge by the Department of Health and Social Security in the first instance, but as from 1st April, 1971 the cost will be borne by the County Council.

There were no marked changes in the other services provided. Although an exact comparison is not possible this year, it appears that the numbers dealt with are similar to the preceding year.

This result, by a reduced staff, indicates the effort which they have put into their work during the year. Likewise the clerical staff have worked hard to complete their routine work and the added labour of the transfer already referred to. It is right—and a pleasure—to acknowledge their loyal efforts.

As in previous years the Department has benefitted from complete co-operation and help from the associated Departments and received much encouragement from the interest and concern of the School Health and Welfare Sub-Committee in the work of the School Health Service.

G. RAMAGE,
County Principal School Medical Officer.

School Health Service,
1 Mount Street,
Stafford

SCHOOL HEALTH SERVICE STAFF, 1970

County Principal School Medical Officer

G. RAMAGE, M.A. (Admin.), M.D., Ch.B. B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Deputy County Principal School Medical Officer

H. H. JOHN, M.A., M.B., B.Chir., M.R.C.S., L.R.C.P., D.P.H., D.C.H., D.Obst., R.C.O.G.

Senior Administrative Medical Officer for Schools

A. BLENCH, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H.

Senior Medical Officer

**H. E. WILSON, M.B., Ch.B., D.O., D.P.H. (M.O.H. Leek U.D. and R.D.)
(Part-time Ophthalmic Specialist) (Resigned 17/7/70) Reappointed
19/11/70).**

MEDICAL OFFICERS IN DEPARTMENTS

Whole-Time Staff

**AGNES W. E. BLACK, M.B., B.Ch., B.A.O., D.P.H. (Senior Clinical
Medical Officer)**

CYNTHIA J. BLADON, M.B., Ch.B., D.P.H.

**PEARL I. BLENCH, L.R.C.P., L.R.C.S., L.R.F.P.S. (Senior Clinical Medical
Officer)**

NORAH M. CLARKE, M.B., Ch.B. (Retired 31/8/70)

**BESSIE W. GOODWILL, M.B., Ch.B., M.R.C.S., L.R.C.P. (Senior Clinical
Medical Officer)**

MARY M. MARKHAM, M.B., Ch.B., D.T.M. & H., D.P.H. (Retired 13/7/70)

**HAZEL R. MEACOCK, M.B., Ch.B., D.C.H., D.P.H. (Senior Clinical Medical
Officer)**

R. WHARTON, M.B., Ch.B. (Senior Clinical Medical Officer)

**HENRIETTA M. WILSON, B.A., M.B., B.Chir. (Senior Clinical Medical
Officer)**

Whole-Time Staff holding Joint Appointments

M. L. BURR, M.B., B.S., D.Obst., R.C.O.G., D.P.H. (M.O.H. Stone U.D. and R.D.) (Resigned 6/12/70)

ISOBEL B. CRAIGHEAD, M.B., Ch.B., D.P.H. (Joint R.H.B. appointment) (Appointed 9/3/70).

C. M. DAVID, M.B., Ch.B., D.P.H. (M.O.H. Tamworth M.B.)

SHEILA M. DURKIN, M.B., B.Ch., D.P.H. (Area Medical Officer and M.O.H. Tutbury R.D. and Uttoxeter U.D. and R.D.)

A. G. THOMSON, M.B., Ch.B., D.P.H. (M.O.H. Cannock R.D. and Stafford R.D.)

J. TOLLAND, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H. (Area Medical Officer, and M.O.H. Kidsgrove U.D. and Newcastle R.D.)

E. H. TOMLIN, M.D., Ch.B., D.P.H. (Area Medical Officer and M.O.H. Cheadle R.D.) (Retired 23/9/70)

Part-time Staff

M. ALLAN, M.B., Ch.B., D.P.H.

MARGARET BAMBER, M.B., B.Ch., B.A.O., D.P.H.

PATRICIA E. BASS, L.R.C.P., L.R.C.S., D.Obst., R.C.O.G.

A. H. CHESHIRE, M.B., B.S., M.R.C.S., L.R.C.P.

E. P. DABROWICKI, M.B. Ch.B., 21-4-70

ANNIE A. GAMBLE, M.D., B.Ch. B.A.O. D.P.H. (Appointed 29/9/70)

ROSAMUND IVY GIFFORD, M.B., Ch.B. (Dental Anaesthetist)

ROSE MACAULIFFE, M.B., B.Ch., B.A.O.

HELEN MOSS, M.B., Ch.B. (Appointed 18/2/70)

T. R. O'DEMPSEY, M.B., B.Ch., B.A.O. (Appointed 6/5/70)

MARGARET OSBOURNE, M.B., Ch.B.

MARGARET W. PETERS, M.B., Ch.B., D.A. (Dental Anaesthetist) (Resigned 31/12/70)

ELEANOR M. PRENDIVILLE, L.R.C.P.I., L.R.C.S.I., L.M., D.P.H.

ZOE RICHARDSON, M.B., B.Ch., B.A.O.

E. SMITH, M.B., B.Ch.

PATRICIA V. TYLER, M.B., Ch.B.

G. ISABEL VILLIERS, M.B., B.Ch., B.A.O. (Dental Anaesthetist)

K. WATWOOD, M.B., Ch.B., L.R.C.P., L.R.C.S.

LUCY M. WILKIN, M.B., B.Ch., B.A.O.

CHRISTINE H. WILLCOX, M.B., B.S., M.R.C.S., L.R.C.P.

County Principal School Dental Officer

W. MCKAY, L.D.S. R.C.S. (Edin.)

Area Dental Officers

D. R. OGDEN, B.D.S. L.D.S. R.C.S. (Transferred to Aldridge-Brownhills E.D.)

T. C. J. PRICE, B.D.S., D.P.D.

ANN P. WOOD, B.D.S. (Resigned 4/4/70)

Senior Dental Officers

A. G. BAKER, L.D.S. (Appointed 1/10/70)

LESLEY E. M. SALISBURY, B.D.S. (Resigned 5/4/70 see P/T Staff)

Dental Officers (Whole-Time)

S. FORD, L.D.S. R.C.S. (Retired 30/4/70)

MARGARET HAYES, B.D.S. (Resigned 30/9/70) (See P/T Staff)

J. HICKEY, B.D.S. (Retired 30/9/70)

CAROLE HICKS, B.D.S. (Appointed 1/10/70)

S. NEWALL, L.D.S. (Appointed 7/9/70)

J. W. PRICE, M.B., Ch.B., L.D.S. R.C.S.

M. WOOD, B.D.S.

Consultant in Oral Surgery (Part-Time)

R. BOLTON, B.D.S., F.D.S., R.C.S.

Consultant in Children's Dentistry (Part-Time)

H. LEVISON, B.D.S., F.D.S., R.C.S., D.Orth.

Dental Officers (Part-Time)

F. L. ATKINS, B.D.S. (Appointed 5/1/70)

SONIA J. M. GLOVER, L.D.S. (Transferred to Aldridge-Brownhills E.D.)

B. M. GRIFFITHS, B.D.S.

MARGARET HAYES, B.D.S. (Appointed 1/4/70 Resigned 30/9/70)

CHARLOTTE E. HUGHES, L.D.S.

L. F. KELLY, L.D.S.

MADELEINE C. MERCER, B.D.S.

R. W. MILLS, B.D.S. (Appointed 1/1/70)

D. W. PRICE, L.D.S. (Appointed 1/12/70)

LESLEY E. M. SALISBURY, B.D.S. (Appointed 6/4/70)

D. S. SCHNEIDER, B.D.S. (Appointed 3/8/70)

H. J. VILLIERS, B.D.S. (Transferred to Aldridge-Brownhills E.D.)

W. H. WALTERS, L.D.S.

Dental Auxiliaries (Whole-Time)

MISS E. E. BURBURY

MISS J. C. MORRALL

MISS J. E. RANDLE (Resigned 30/9/70)

Dental Hygienist

MRS. A. P. JONES (Part-time)

Dental Technician

D. LOWE (Resigned 31/8/70)

Supervisor of Dental Surgery Assistants

MRS. N. J. CUMBERLIDGE

Specialists

OPHTHALMIC SPECIALISTS (PART-TIME):

A. N. CAMERON, F.R.C.S.
J. A. COX, M.B., B.S., D.O.
CHARMIAN H. LONGMORE, M.B., Ch.B., M.R.C.S., L.R.C.P.,
D.O.M.S.
E. J. McCABE, M.B., Ch.B., D.O.
B. M. McOWAN, M.B., B.S., M.R.C.S., L.R.C.P., D.O. (Ldn.)

ORTHOPAEDIC SPECIALISTS (PART-TIME):

M. H. M. HARRISON, Ch.M., M.B., Ch.B., F.R.C.S.

E.N.T. SPECIALIST (PART-TIME):

W. D. PATERSON, M.B., Ch.B., F.R.C.S.

PRINCIPAL MEDICAL OFFICER FOR MENTAL HEALTH:

W. JOHNSON, M.R.C.S., L.R.C.P.

CONSULTANT PSYCHIATRIST:

HAZEL B. BAKER, M.B., B.S., M.R.C.S., L.R.C.P., D.P.M.

CONSULTANT PSYCHIATRIST (PART-TIME):

*KATHLEEN KEANE, M.B., Ch.B., D.C.H., D.P.H., D.P.M., D.R.C.O.G.

SENIOR EDUCATIONAL PSYCHOLOGIST:

MRS. P. E. BRAIN, M.A., D.C.P.

EDUCATIONAL PSYCHOLOGISTS:

D. COOKSON, B.A., Dip. Psych.
MRS. M. I. CHRISTINE SHEPHERD, B.A.

PSYCHOTHERAPIST (PART-TIME):

Y. LEJEUNE, B.A., Ph.D. (Rand)

SENIOR CASEWORK SUPERVISORS AND CASEWORK SUPERVISORS (Holding joint appointments):

B. R. CLOWES, C.S.W., S.R.N.
B. INSULL, C.S.W.
MISS S. OSCROFT, B.A., A.A.P.S.W.
J. H. SPURR, A.A.P.S.W., R.M.N.D., Dip. Soc. Sc. (Resigned 31/8/70)
MRS. U. J. WILLS, A.A.P.S.W.

* Attends a County Clinic as Regional Hospital Board Officer.

PSYCHIATRIC SOCIAL WORKERS:

MRS. M. B. DENTON, Dip. Soc. Studies

MRS. B. J. PARKER, C.S.W.

MRS. A. M. SHARMAN, Dip. Soc. Studies (Resigned 30/9/70)

PSYCHIATRIC SOCIAL WORKERS (PART-TIME):

MRS. S. COOKE, B.A., A.A.P.S.W.

MRS. J. M. GIBBS, B.A. (Hon. Soc.)

MRS. E. GLASS, A.A.P.S.W.

MRS. L. WOOD, B.A., A.A.P.S.W.

AUDIOMETRICIANS:

MRS. E. GOODWIN, S.R.N. Part-time

MRS. M. MOSS

HEALTH VISITOR TO THE DEAF AND PARTIALLY HEARING CHILDREN:

MISS M. L. GIBSON, S.R.N., C.M.B., H.V.

PERIPATETIC TEACHERS OF CHILDREN WITH HEARING DEFECTS:

MISS M. KENNERLY

T. LONSBROUGH

MISS E. VERNON (Senior Teacher)

VISION TESTING SURVEY:

MRS. E. HORTON, S.R.N.

HEALTH EDUCATION OFFICER:

A WARD, S.R.N., R.T.A., D.N., Dip. H.Ed. (Resigned 30/6/70)

Medical Auxiliaries

PHYSIOTHERAPISTS:

MRS. M. LEWIS, M.C.S.P. Part-time

MRS. G. E. MALLETT, M.C.S.P. Part-time

MRS. A. C. MARKER, M.C.S.P. (Appointed 8/9/70) Part-time

SENIOR SPEECH THERAPIST:

MISS H. M. BINKS, L.C.S.T.

SPEECH THERAPISTS:

MRS. S. ANDERSON, L.C.S.T.

MRS. M. D. L. BLACKMORE, L.C.S.T. (Resigned 27/9/70)

MRS. B. J. COOPER, L.C.S.T., Part-time

MRS. A. E. M. DONOHUE, L.C.S.T. Part-time (Appointed 11/5/70)

MRS. J. E. JONES, L.C.S.T. Part-time (Resigned 11/9/70)

MRS. P. A. VALENTINI, L.C.S.T. Part-time

SUMMARY OF (ASSISTANT) STAFF

<i>Staff</i>	<i>Establish- ment</i>	<i>No. Employed on 31/12/70</i>	<i>Equivalent in terms of Whole-time Staff</i>
School Medical Officers	15.5	29	9.21
Ophthalmic Specialists	—	6	1.15
E.N.T. Specialists	0.2	1	0.2
Orthopaedic Specialists	0.07	1	0.023
Audiometrists	1.4	2	1.4
Physiotherapists	5	3	1.1
Speech Therapists	6	5	3.8
School Nurses	29.50	92	21.9
Clinic Nurses	—	24	5.95
Vision Testing Survey Nurse	1	1	1
School Dental Officers	21	20	13.5
Anaesthetists (Dental)	—	2	0.6
Dental Auxiliaries	14	2	2.0
Dental Surgery Assistants	34	29	21.1
Senior Dental Technicians	1	—	—
Dental Technicians	2	—	—
Dental Hygienists	2	1	0.6
Clerks	19	19	18.5
Chiropodists	5.6	28	2.68

GENERAL INFORMATION

	<i>Urban Areas</i>	<i>Rural Areas</i>	<i>Admin. County</i>
Estimated civilian population of Administrative County (mid-1970) ..	436,410	295,300	731,710
Acreage	72,761	584,439	657,200
Density of population per acre	5.99	0.51	1.11
Mean area per person in acres	0.17	1.98	0.89
1. Number of pupils on roll in the Administrative County (excluding Newcastle and Aldridge-Brownhills) ..			97,222
2. School Population of Newcastle Excepted District ..			15,018
3. School Population Aldridge-Brownhills Excepted District ..			17,492
4. Number of schools and departments in the County (excluding Aldridge-Brownhills and Newcastle):—			
Nursery Schools .. .. .. ..	..	..	8
Primary Schools .. .. .. ..	..	..	342
County Secondary Modern Schools .. .. .. ..	..	..	35†
County Secondary Grammar and High Schools .. .. .. ..	..	..	10
County Comprehensive Schools .. .. .. ..	..	..	19
Special Schools—Residential .. .. .. ..	..	..	7*
Day .. .. .. ..	..	..	1
Hospital .. .. .. ..	..	..	1
Total			—
	Total		423

* Includes The Mount School which is jointly maintained by Staffordshire and the City of Stoke-on-Trent.

† Includes one boarding school.

Annual Report for 1970

INSPECTIONS AND OTHER EXAMINATIONS

Table 1. Medical Inspection of pupils attending Maintained and Assisted Primary and Secondary Schools (including Nursery and Special Schools).

A. Periodic Medical Inspections:

Age Groups Inspected (by year of birth)	Number Examined
1966 and later	373
1965	4,580
1964	5,057
1963	650
1962	105
1961	110
1960	59
1959	582
1958	1,783
1957	670
1956	1,398
1955 and earlier	7,245
<hr/>	<hr/>
Total	22,612

B. Number of Other Inspections:

Special Inspections	234
No. of Re-inspections	18,230
<hr/>	<hr/>
Total	18,464

Children in the "Intermediate" age group are examined in their first year of secondary education. Consequently, in secondary schools, School Medical Officers combine, in one group of visits, the examination of both the "Leaver" and "Intermediate" age groups in the autumn and spring terms.

"Entrant" children are medically examined routinely during the summer term.

C. Pupils found to require treatment at Periodic Medical Inspections (excluding Dental Diseases and Infestation with Vermin).

<i>Age groups Inspected by year of birth</i>		<i>For defective vision (excl. Squint)</i>	<i>For any other conditions</i>	<i>Total of Individual Pupils</i>
1966 and later	..	9	74	73
1965	..	144	763	725
1964	..	188	830	1,225
1963	..	16	98	100
1962	..	6	21	20
1961	..	7	38	39
1960	..	6	12	14
1959	..	59	47	101
1958	..	175	170	308
1957	..	4	89	145
1956	..	144	121	262
1955 and earlier	..	814	1,308	1,340
Totals	..	1,642	3,571	4,352

Table 2(a). Defects found by Periodic Medical Inspections.

Defect Code No.	Defect or Disease	Periodic Inspections			
		Entrants	Leavers	Others	Total
4	Skin T	142	138	79	359
		O	148	43	408
5	Eyes—(a) Vision T	341	991	342	1,674
		O	399	194	1,079
	(b) Squint T	175	39	41	255
		O	72	18	116
	(c) Other T	21	7	4	32
		O	23	36	137
6	Ears—(a) Hearing T	122	29	44	195
		O	290	89	438
	(b) Otitis Media T	72	20	18	110
		O	297	42	386
	(c) Other T	27	6	6	39
		O	27	7	42
7	Nose and Throat T	314	73	78	465
		O	689	146	981
8	Speech T	136	14	13	163
		O	162	20	213
9	Lymphatic Glands T	63	34	15	112
		O	164	38	224
10	Heart T	23	16	14	53
		O	85	36	138
11	Lungs T	113	61	40	214
		O	222	45	344
12	Development—(a) Hernia T	32	7	8	47
		O	49	2	54
	(b) Other T	41	11	27	78
		O	178	13	212
13	Orthopaedic—(a) Posture T	21	34	12	67
		O	22	53	103
	(b) Feet T	244	56	57	357
		O	374	131	612
	(c) Other T	60	20	18	98
		O	97	53	179
14	Nervous System—(a) Epilepsy T	15	14	13	42
		O	19	18	46
	(b) Other T	13	4	5	22
		O	68	16	89
15	Psychological—(a) Development T	36	24	16	76
		O	69	11	99
	(b) Stability T	46	11	19	76
		O	175	38	240
16	Abdomen T	20	14	4	38
		O	40	16	77
17	Other T	110	76	19	205
		O	227	96	411
TOTAL NO. OF DEFECTS REQUIRING TREATMENT		2,187	1,699	892	4,778
TOTAL NO. OF DEFECTS TO BE KEPT UNDER OBSERVATION		3,896	1,685	1,067	6,648
TOTAL DEFECTS		6,083	3,384	1,959	11,426

Table 2(b). Defects found by Medical Inspection.

Special Inspections

<i>Defect or Disease</i>	SPECIAL INSPECTIONS		
	<i>Defects requiring Treatment</i>	<i>Defects requiring Observation</i>	
Skin ..	—	7	
Eyes—(a) Vision ..	1	15	
(b) Squint ..	—	5	
(c) Other ..	1	—	
Ears—(a) Hearing ..	1	8	
(b) Otitis Media ..	—	13	
(c) Other ..	1	—	
Nose and Throat ..	1	19	
Speech ..	—	2	
Lymphatic Glands ..	—	3	
Heart ..	—	1	
Lungs ..	1	5	
Development—			
(a) Hernia ..	—	3	
(b) Other ..	1	4	
Orthopaedic—			
(a) Posture ..	—	—	
(b) Feet ..	—	5	
(c) Other ..	—	2	
Nervous System—			
(a) Epilepsy ..	—	—	
(b) Other ..	—	3	
Psychological—			
(a) Development ..	—	2	
(b) Stability ..	—	6	
Abdomen ..	—	—	
Other ..	—	5	
TOTALS ..		7	108

Table 3. Parents attending Periodic Medical Inspections

	<i>Age Groups Inspected</i>		<i>No. of Pupils Examined</i>	<i>No. of Parents Attended</i>	<i>% of Parents who attended</i>
Entrants	1966 and later ..		373	348	93.3
	1965 ..		4,580	4,304	94.0
	1964 ..		5,057	4,693	92.8
	1963 ..		650	596	91.7
	1962 ..		105	88	83.8
	1961 ..		110	80	72.7
	1960 ..		59	49	83.1
2nd Age Group	1959 ..		582	241	41.4
	1958 ..		1,783	831	46.6
	1957 ..		670	309	46.1
3rd Age Group	1956 ..		1,398	221	15.8
	1955 and earlier ..		7,245	881	12.2
TOTALS		.. ..	22,612	12,641	55.9

The number of children examined fell by 5,014 and 3,519 fewer parents attended. The percentage of parents attending also decreased from 58.5% in 1969 to 55.9% in 1970.

Table 4. Handicapped Children

<i>Category</i>	<i>No. of Children newly found during the year</i>
Blind	2
Partially Sighted	3
Deaf	3
Partially Hearing	32
Educationally Sub-normal	109
Epileptic	13
Maladusted	269
Physically Handicapped	143
Speech Defects	863
Delicate	98
	1,535

The table above does not include children living in the Excepted District of Newcastle. Almost all the children were examined at the school clinics.

Table 5. Notification of Handicapped Pupils leaving School to the Youth Employment Service

No. of children who were advised not to take up certain types of employment	846
No. of children advised to register under the Disabled Persons (Employment) Act 1944	6
	852

A report giving an indication of the type of work for which a child is suitable is issued for each child examined in the "leaver" group for the information of the Youth Employment Service and in addition to the figures in table 5 above reports were issued in respect of 7,222 leavers whose condition was found to be normal.

The arrangement for consultation of the School Medical Officers with the Area Youth Employment Committees prior to committee meetings still continues. In difficult cases the Medical Officer may attend the Committee as an advisor.

It is pleasing to note that certain Youth Employment Officers have stated they have found the medical reports submitted to be most helpful in the correct placing of children. It is regrettable that so many children on leaving school have some type of handicap—albeit a minor one, but they are given effective help in making their way in life.

Table 6. Miscellaneous Examinations at School Clinics

Type of Examination

Entrants to courses of training for Teachers (4 R.T.C.)	598
Entrants to the Teaching Profession (28 R.Q.)	50
Children boarded out by the Children's Committee	224
	872

All of the examinations were carried out by School Medical Officers at the school clinics.

Children, going on Adventure courses, were asked to complete a medical questionnaire and of the 346 completed questionnaires only three children were found to require special supervision.

Employment Licences

Over the last few years it has become increasingly obvious that it is not necessary to examine routinely every child who applies for an employment licence. Only rarely has a child been found unfit for employment and then only during a brief period of temporary unfitness. Because of their success, medical questionnaires have become common place in the last few years and have been used in Staffordshire in connection with children going on Adventure Courses and the employment of super-annuable staff. So a similar questionnaire was devised for applicants for employment licences and 824 questionnaires were completed during the year. In no case did any child have to be subsequently medically examined.

Children, going on Adventure courses, were asked to complete a medical questionnaire and of the 346 completed questionnaires only three children were found to require special supervision.

Home Visiting

Table 7. Details of home visits made by Nursing Staff

<i>Reason for Visit</i>					<i>No. of Visits</i>
Uncleanliness and verminous cases	..	..	..	..	1,491
Arising out of medical inspections	..	..	..	..	685
Arising out of inspection at clinics	..	..	..	..	247
All skin diseases	..	..	..	..	480
Aural conditions	..	..	..	..	271
Nose and Throat Conditions	..	..	..	..	722
Ophthalmic defects	..	..	..	..	1,737
Orthopaedic defects	..	..	..	..	167
Educationally subnormal children	..	..	..	..	224
Neglected children	..	..	..	..	198
Infectious diseases	..	..	..	..	291
Heaf testing	..	..	..	..	14
Holiday visits to children home from special schools	..	..	..	..	98
Miscellaneous	..	..	..	..	2,063
Ineffectual visits	..	..	..	..	1,099
					9,787

The visitation of children in their homes is an important part of the school nurses' work, for by this it is ensured that children obtain treatment which has been recommended.

Children Neglected or Ill-treated in their own Homes.

During the year, the names of nine children of five families were referred from the School Health Service to the local Co-ordinating Officers whose appointments were made in accordance with the provision of the Joint Circular of 31st July, 1950, of the Home Office and the Ministries of Health and Education.

Table 8. Details of visits to schools made by Nursing Staff

<i>Reasons for Visit</i>						<i>No. of Visits</i>
Ophthalmic Cases:—						
General	590					
To administer atropine	85					
Vision testing prior to :—						
Medical inspection	1,065					
Attendance at ophthalmic clinics	42					
Infectious diseases	169					
Hygiene inspections (excluding feet)	1,491					
Miscellaneous	537					
						3,979

It will be seen from these figures that the nurses are required to spend a considerable amount of time working in schools and no less than 555 half-days were devoted to foot inspections when 56,813 children were examined. The majority of the visits were in connection with general hygiene inspections of heads, hands and feet. The nurses make routine visits to schools each term to supervise the cleanliness of the children, further details of which are to be found on pages 59 and 60.

Nurses also attended with the School Medical Officers to assist at routine medical inspections in schools at 1,736 sessions.

TREATMENT

Table 9. Details of treatment given

Eye Diseases, Defective Vision and Squint

	<i>Number of cases known to have been dealt with</i>
External and other, excluding errors of refraction and squint	433
Errors of refraction (incl. squint) ..	1,583
Total	2,016
Number of pupils for whom spec- tacles were prescribed	2,332

Diseases and Defects of Ear, Nose and Throat

	<i>No. of cases known to have been dealt with</i>
Received operative treatment	
(a) for diseases of the ear ..	—
(b) for adenoids and chronic tonsillitis	274
(c) for other nose and throat conditions	—
Received other forms of treatment	624
Total	898

Total number of pupils in schools
who are known to have been
provided with hearing aids

(a) in 1970	26
(b) in previous years	142
	168

Orthopaedic and Postural Defects

Number treated in clinics or out-patients' departments	336
Total	336

Diseases of the Skin

Child Guidance Treatment

Number of pupils treated at Staffordshire Child Guidance Clinics	520
Number of pupils treated by other LEAs	4
Number of pupils treated at Hospitals	17
Total number of pupils who had Child Guidance	<hr/> 541

Speech Therapy

Number of pupils treated by Speech Therapists at Staffordshire Clinics	1,081
Number of pupils treated at other LEAs' clinics	11
Number of pupils treated at N.H.S. Hospitals	23
	<hr/>
Total	1,115
	<hr/>

Other Treatment Given

Abdominal defects	169
Chiropody	1,931
Debility and malnutrition	57
Heart conditions	49
Infectious diseases	40
Injuries	279
Respiratory defects	125
Other	600
	<hr/>
Total	3,250
	<hr/>

Pupils who had a period of convalescence under School Health Service arrangements	21
---	----

Pupils who received B.C.G. Vaccination	7,230
---	-------

Table 10.

SCHOOL HEALTH SERVICE CLINICS

(less the Excepted Districts of Aldridge/Brownhills and the Borough of Newcastle)

as at 31/12/70

Name of Clinic	Address	Minor Ailments Clinic held	Dental Clinic held	Ophthalmic Clinic held	Speech Therapy Clinic held	Remedial Exercises Clinic held
Ashley	C Memorial Hall Ashley Road off Newcastle Road	1-30—2-0 p.m. Tues. fortnightly	—	—	—	—
Audley	C District Council Office (Tel. Audley 343)	1-30—2-0 p.m. Tues. weekly	—	2-0—5-0 p.m. Fri. once or twice termly	—	—
Barton-under- Needwood	(1) Central Hall	1-30—2-0 p.m. Tues. fortnightly	—	—	—	—
	C (2) Dr. Taylor's Surgery	—	—	—	—	—
Biddulph	Δ Princess Street (Tel. Biddulph 2040)	9-0—10-30 Fri. weekly	M.D.U. (by appointment	Wed. 6-0— 9-0 p.m. monthly	S	9-0—12-30 Fridays
Brewood	C Δ Dr. Cheshire's Surgery Sandy Lane (Tel. Brewood 206)	1-30—2-0 p.m. Wed. every four weeks	—	—	1-30—4-0 Mons. twice a term	—

<i>Name of Clinic</i>	<i>Address</i>	<i>Minor Ailments. Clinic held</i>	<i>Dental Clinic held</i>	<i>Ophthalmic Clinic held</i>	<i>Speech Therapy Clinic held</i>	<i>Remedial Exercises Clinic held</i>
Cannock	C Δ \ddagger (1) Beecroft Road (Tel. Cannock 3715)	9-0—10-30 Mon. & Thurs. weekly	Daily 9-0—12-30 (not Sats.)	1-45—4-45 Fris. and 9-30—12-30 Thurs. monthly	1-30—4-30 Mons. 9-0—4-30 and Tues. & Weds.	9-30—12-30 Weds. weekly and Fris. fortnightly
	C (2) Arthur Street, Chadsmoor (Tel. Cannock 2347)	9-0—10-30 Weds. fortnightly	—	—	9-0—12-30 Thurs.	—
	Δ C (3) Eskrett St., Hednesford (Tel. Hednesford 2247)	9-0—10-30 Wed. weekly	Mon., Wed. 1-30—5-0 p.m.	9-30—12-30 Thurs. monthly	9-0—12-30 Mon.	—
	(4) Clarion Way off Pye Green Road, West Chadsmoor, Nr. Cannock	1-0—2.0 Mons. fortnightly	—	—	—	—
Chase Terrace	(D.N.) Salters Meadow C Group Practice Centre Sankey's Corner (Tel. Burntwood 2611)	9-0—10-30 Tues. weekly	—	—	—	—
Cheadle	C Δ Well Street (Tel. Cheadle 3306)	9-0—10-30 Tues. fortnightly	Daily 9-0—5-0 (not Sats.)	6-30—9-30 Weds. evenings fortnightly	S	9-0—10-0 Tues. fortnightly (N.P.)
Cheddleton	Methodist Church Room Ostlers Lane, off Hollow Lane, Cheddleton	1-30—2-0 Fri. fortnightly	—	—	—	—
Cheslyn Hay	Junior School Hatherton Street (Tel. Cheslyn Hay 414596)	9-0—10-30 Mon. fortnightly	—	—	—	—
Codsall	C Δ Elliotts Lane (Tel. Codsall 3738)	9-0—10-30 Tues. fortnightly	Daily 9-0—5-0 (not Fris. or Sats.)	9-30—12-30 Weds. monthly	9-0—12-30 Thursday	9-30—12-30 Mons. fortnightly
Derrington	C Village Hall	—	—	—	—	—
Eccleshall	C Methodist School Stone Road	9-0—9-30 Fri. fortnightly	—	—	9-0—12.00 Mon	—

Name of Clinic	Address	Minor Ailments Clinic held	Dental Clinic held	Ophthalmic Clinic held	Speech Therapy Clinic held	Remedial Exercises Clinic held
Endon	C Parish Hall	—	—	—	—	—
Essington	C Methodist Sunday School Essington Wood	1-30—2-0 p.m. Wed. weekly	—	—	—	—
Fazeley	C Village Hall	—	—	—	—	—
Featherstone	United Methodist Chapel	9-0—10-30 Fri. weekly	—	—	—	—
Gnosall	C Memorial Institute	—	—	—	9-0—12-30 Wed.	—
Great Wyrley	(1) Great Wyrley Junior School (2) St. Andrew's New Church Hall Hilton Lane	9-0—10-30 Wed. fortnightly 10-30—12-0 Wed. fortnightly	—	—	—	—
Halmerend	High Street	1-30—2-0 Wed. fortnightly	—	—	—	—
Harriseahead	Long Lane, Harriseahead	1-30—2-0 Tues. fortnightly	—	—	—	—
Hixon	C Church Hall	—	—	—	—	—
Huntington	St. Thomas' Church Institute Stafford Road, Huntington	9-0—10-30 Thurs. fortnightly	—	—	—	—
Kidsgrove	C Δ \ddagger Day Nursery Liverpool Road (Tel. Kidsgrove 2289)	9-0—10-30 Mon. fortnightly	M.D.U. (by appointment)	2-0—5-0 p.m. Fri. fortnightly	S 6-0—9-0 p.m. Weds. monthly	9-0—10-30 Mon. (N.P.) 9-0—12-30 Thurs.
Kinver	Δ High Street Tel. Kinver 2999	9-0—10-30 2nd Fri. in month	(by appointment)	—	—	9-0—12-30 Tues. weekly

<i>Name of Clinic</i>	<i>Address</i>	<i>Minor Ailments Clinic held</i>	<i>Dental Clinic held</i>	<i>Ophthalmic Clinic held</i>	<i>Speech Therapy Clinic held</i>	<i>Remedial Exercises Clinic held</i>
Leek	C (1) Cripples Aid Society Clinic Salisbury Street ST13 5EE (Tel. Leek 3313)	9-0—10-30 Mons. weekly	Daily -9-0—5-0 (not Sats.)	6-0—9-0 p.m. Thurs.	S	[†] Mons., Fris. [†] 9-0—4-0 (R.H.B. Clinic)
	C Δ (2) Haregate Road (Tel. Leek 2886)	—	—	—	—	—
Lichfield	(1) Sandford Street (Tel. Lichfield 51212)	—	Daily 9-0—5-0 (not Sats.)	—	—	9-0—4-30 Fris.
	C Δ (2) Red Court House Tamworth Street (Tel. Lichfield 3656)	9-0—10-30 Wed. fortnightly	—	—	9-30—12-30 Thurs. 9-30—12-30 Fri. 9-30—12-30 Mon. fortnightly	—
Longnor	C Sheffield House Cottage	—	—	—	—	—
Madeley	C Village Hall, Furnace Lane	9-0—10-30 Thurs. fortnightly	—	—	2-0—5-0 p.m. Fri. twice termly	—
Mayfield	C Village Hall	—	—	—	—	—
Norton Canes	Community Centre Brownhills Road (Tel. Heath Hayes 495)	10-45—12-0 Mon. fortnightly	—	—	—	—
Pattingham	C Village Hall	—	—	—	—	—
Penkridge	C Health Centre St. Michael's Road (Tel. Penkridge 300)	9-0—10-30 Thurs. fortnightly	—	—	—	—
Rollington	Δ C Commemoration Hall	1-30—2-0 Weds. 1st and 3rd in month	—	—	—	—

Name of Clinic	Address	Minor Ailments Clinic held	Dental Clinic held	Ophthalmic Clinic held	Speech Therapy Clinic held	Remedial Exercises Clinic held
Rugeley	C Δ (D.N.) Health Centre, Horsefair (Tel. Rugeley 2244)	9-0—10-30 Mon. weekly	Mon. & Tues. 9-0—5-0 Wed. 1.30—5-0 Thur. and Fri. 9-0—12-30	1-45—4-45 Thurs. fortnightly	9-0—4-30 Weds.	9-0—12-30 Mons. fortnightly
Stafford	C Δ \ddagger (1) Lammascote Road (Tel. Stafford 3950)	9-0—10-30 Daily except Tues. and Sat.	Daily 9-0—5-0 (not Sats.)	9-30—12-0 p.m. Tues. and Weds. 1-30—4-45 Weds.	—	9-0—4-30 Thurs. weekly
	C (2) North Walls (Tel. Stafford 2301)	—	—	—	9-30—12-30 alternate Mons. 1-30—4-30 Mons. 9-0—4-30 Tues. & Weds.	—
	Δ C (3) Rising Brook off John Amery Drive (Tel. Stafford 3372)	9-0—10-30 Thurs. weekly	Mon. 9-0—5-0 p.m. Tues. 9-0—12-30 Wed. & Thurs. 9-0—5-0 p.m.	1-45—4-45 Mons. monthly Fris. monthly	9-0—12-30 Daily	9-0—12-30 Tues. weekly
Stone	C Δ (1) \ddagger St. Michael's Hall Lichfield Road (Tel. Stone 2433)	9-0—10-30 Thurs. weekly	—	1-45—4-45 Mons. 9-00—12-30 monthly	—	—
	(2) Kitchenor Institute Victor Street (Tel. Stone 3909)	(not Saturdays)	Daily 9-0—5-0 (not Sats.)	—	—	—
	(3) Community Centre, White Mill Lane, Walton	—	—	—	—	9-00—12-30 as required Mon.
Talke	C Δ Cross House (Tel. Kidsgrove 2998)	9-0—10-30 Thurs. weekly	—	—	—	—

Name of Clinic	Address	Minor Ailments Clinic held	Dental Clinic held	Ophthalmic Clinic held	Speech Therapy Clinic held	Remedial Exercises Clinic held
Tamworth	C Δ Health Centre Upper Gungate (Tel. Tamworth 66821)	9-0—10-30 Thurs. weekly	Mon. 1-30—5-0 Tues. 9-0—12-0 Wed. 9-0—12-0 Thurs. 9-0—5-0 Fri. 9-0—12-0	1-45—4-45 Tues. weekly	S	—
Tutbury	C Δ (1) St. Mary's Church Hall	1-30—2-0 Fri. fortnightly	—	2-0—5-0 Fri. termly	—	—
Uttoxeter	C Δ Heath House Cheadle Road (Tel. Uttoxeter 2555)	9-0—10-30 Fri. weekly	9-0—5.0 —Daily (not Saturdays)	6-0—9-0 p.m. Mons. fortnightly	9-0—12-30 Thursdays and Mons. fortnightly	9-0—12-30 Wed. weekly
Werrington	Village School Hall	9-0—10-30 Wed. monthly	—	—	—	—
Wetley Rocks	C Village Hall	—	—	—	—	—
Wheaten Aston	C Village Hall	—	—	—	—	—
Willencote	C Community Centre	1-30—2-0 2nd & 4th Thurs. in each month	—	—	9-30—12 noon 1st & 3rd Thurs. monthly	—
Wombourne	C Δ Mill Lane (Tel. Wombourne 2495)	9-0—10-30 Tues. fortnightly	M.D.U. (by appointment)	9-30—12-30 Weds. monthly	S	—

* Clinics are also held on these premises as and when necessary.

† Ultra Violet Light Clinics held on these premises once or twice weekly.

(D.N.) Doctor's Clinic alternating with Nurse's Clinic.

For details of Child Guidance Clinics please see page 41.

(N.P.) Remedial Exercise Clinic staffed by a nurse who is not a qualified physiotherapist.

S Speech Therapy Clinic which will be manned as and when the staffing situation allows.

Δ E.N.T. Clinics held as and when required.

C Chiropody Clinics—by appointment.

Table 11. Summary of Clinics

<i>Kind of Clinic</i>						<i>Number of premises used</i>
Dental ..	..	..	..	..	..	*19
Minor Ailment	..	..	..	..	..	41
Ophthalmic ..	..	..	..	..	..	21
E.N.T. ..	..	..	..	..	..	20
Chiropody ..	..	..	..	..	..	49
Speech Therapy	..	..	..	..	..	11
Physiotherapy	..	..	..	..	..	10

* includes six mobile clinics.

Table 12. Minor Ailments Clinics

No. of Clinics ..	..	..	..	41
No. of first visits	..	..	..	1,501
No. of re-visits ..	..	..	..	3,413

The children, attending minor ailment clinics for the first time, were found to have 1,797 conditions requiring treatment.

The School Medical Officers also carried out the examinations detailed in Tables 4 and 6 on pages 15 and 16 at School Clinics generally after the minor ailment clinic had been held.

Table 13. Diseases and Defects found at Minor Ailment Clinics

	<i>Disease or Defect</i>				
Defective vision	232
Squint	15
Blepharitis	4
Conjunctivitis	3
Styes	26
Other eye defects	39

Enlarged tonsils and/or adenoids	..	..	..	47
Other defects of nose and throat	..	..	..	22
Defective hearing	..	..	..	90
Otitis media	..	..	..	8
Other defects of ears	..	..	..	21
Speech defects	..	..	..	48
Cough or catarrh	..	..	..	15
Bronchitis	..	..	..	12
Asthma	..	..	..	23
Ringworm—Body	..	..	..	3
Scabies	..	..	..	21
Impetigo	..	..	..	20
Septic sores	..	..	..	59
Warts—General	..	..	..	107
Plantar	..	..	..	430
Boils	..	..	..	23
Other skin defects	..	..	..	43
Major injuries (including fractures)	..	..	..	9
Burns	..	..	..	7
Sprains or strains	..	..	..	13
Other minor injuries	..	..	..	47
Heart conditions	..	..	..	8
Rheumatic conditions	..	..	..	6
Debility and malnutrition	..	..	..	57
Posture	..	..	..	10
Flat Feet	..	..	..	24
Other orthopaedic defects	..	..	..	28
Other defects	..	..	..	277
				1,797

Table 14. Ophthalmic Clinics**Visual and External Eye Defects**

No. of children examined	5,643
No. of children attending for the first time	2,010
No. of re-visits	3,633
No. of children for whom spectacles were prescribed	2,332

Analysis of major defects found among new cases:—

Errors of Refraction:—

Hypermetropia	172
Hypermetropic astigmatism	101
Compound hypermetropic astigmatism	76
Myopia	427
Myopic astigmatism	110
Compound myopic astigmatism	62
Mixed astigmatism	91
	— 1,039

Diseases and other Abnormalities:—

Amblyopia	51
Anisometropia	232
	— 283

Lids and conjunctiva:—

Blepharitis	7
Ptosis	5
Epicanthus	64
	— 76

Lens:—

Lamellar cataract	1
	— 1

Muscles:—

Nystagmus	5
Strabismus	189
Exophoria	11
	— 205

Retina:—

Optic Atrophy	1
	— 1

Lichfield eye clinic was closed for alterations for six weeks and one part-time specialist was in Canada for four months.

The total number of children examined was 246 less than in the previous year and the number of re-visits decreased by 251.

The system has continued whereby a school nurse is engaged whole time in testing the vision of the 8-year age group. 11,202 children were examined, 1,333 were found to have defective vision of whom 699 were already under treatment and supervision. All the 634 newly found cases were offered examination at School Eye Clinics except of course for those who preferred to make their own arrangements.

To the 221 old cases of squint were added 189 children newly found to be suffering from squint and a number were referred to various hospitals for orthoptic treatment or operation.

Altogether 7,874 clinical appointments with an eye specialist were offered. Of 2,191 children who did not attend, 1,572 were stated by their parents to be attending, or making their own arrangements to attend, opticians, and hospitals, and private consultants. The parents of most of the remainder requested, and were given, further appointments. Those who appeared to be doing nothing about their child's vision were visited by school nurses to determine the reason for failure to obtain treatment.

Since it is part of the duty of the School Health Service to ensure that all children get appropriate treatment, every case was followed up until a satisfactory conclusion was reached.

Chiropody

The figures for this year bring the total number of children referred for treatment since the inception of the Service to 13,600 and, as usual, the majority of treatments were for verrucae pedis. The greater part of the treatment was carried out on school premises and, in this connection, the chiropodists found School Heads most co-operative. Many of them have said they are pleased because the arrangements caused only a minimum of disruption to the child's education.

There were 1,060 new referrals and 12,531 treatments compared with 2,678 and 12,841 respectively in the previous year.

Another 871 children are known to have had treatment at N.H.S. Hospitals during the year.

Table 15. Physiotherapy Clinics.

<i>Clinic</i>	<i>No. of children referred</i>	<i>No. of children whose treatment was completed</i>	<i>No. of children discharged</i>	<i>No. on Register at 31/12/69</i>	<i>No. of treatments given</i>
Biddulph	.. .. 12	5	14	9	197
‡Brownhills	.. .. 16	4	13	—	110
Cannock	.. .. 64	16	29	47	400
Codsall	.. .. 10	8	12	5	134
Kidsgrave	.. .. 28	17	20	11	235
Kinver	.. .. 7	—	—	7	57
‡Pelsall	.. .. 17	2	14	—	189
Rugeley	.. .. 12	8	5	8	104
Stafford	.. .. 62	43	39	28	797
Uttoxeter	.. .. 18	6	10	7	177
	<hr/> 246	<hr/> 109	<hr/> 156	<hr/> 122	<hr/> 2,400

The number of treatments given was 289 more than in the previous year and the number discharged was 60 more.

The following table shows the main defects which were having or awaiting treatment at the end of the year.

Table 16.

<i>Clinic</i>	<i>Posture</i>	<i>13</i>	<i>TREATED DURING THE YEAR</i>			<i>Other</i>	<i>Awaiting Treatment at 31/12/69</i>
			<i>Breathing exercises</i>	<i>82</i>	<i>Defects of legs & feet</i>		
Biddulph	—	33	33	7	—	—
‡Brownhills	9	94	146	57	17	—
Cannock	6	16	57	2	—	—
Codsall	3	57	64	69	—	—
Kidsgrave	—	4	19	—	—	—
Kinver	—	60	62	29	—	—
‡Pelsall	9	5	39	24	1	—
Rugeley	19	53	197	7	1	—
Stafford	7	17	31	26	—	—
	<hr/> 66	<hr/> 421	<hr/> 708	<hr/> 234	<hr/> 19		

The physiotherapy clinic at Aldridge was closed on 18th July. It was handed over with Brownhills & Pelsall clinics to the Aldridge-Brownhills Excepted District from 1st September.

† Figures up to 30.9.70.

The following analysis shows the conditions from which the children were suffering together with the results of treatment.

Table 17.

<i>Diagnosis</i>	<i>Benefit</i>	<i>No Benefit</i>	<i>Treatment Incomplete</i>
Chronic Respiratory Infection	2	2	2
General Debility and Frequent Colds	4	4	1
	—	—	—
	6	6	3
	—	—	—

Ear, Nose and Throat

1,512 children were referred for examination at 79 clinic sessions compared with 1,547 in the previous year. 1,229 children were examined by the part-time County Ear, Nose and Throat Consultant and of these 747 were found to have significant defects. (Table 19 gives the analysis of defects found.) Out of this number 351 (352 in 1969) were subsequently referred to hospital for treatment. The majority were suffering from enlarged tonsils and/or adenoids or required investigation of sinus infection. Those who needed non-operative treatment were referred to their own doctor.

There were 85 children found to be suffering from some degree of deafness, of whom 31 were recommended for a special school and of this number 28 were admitted and the remaining 3 children were on the waiting list at the end of the year. Nineteen children were referred to the peripatetic teaching service. Twenty-six children were provided with hearing aids and the remaining 9 children were given the benefit of a place near to the teacher during oral instruction and given as much additional help as possible at the ordinary day schools.

In addition, 297 children with enlarged tonsils and adenoids were considered by the School Medical Officers to require treatment and were referred to hospital after notification had been sent to the family doctor.

A total of 602 children was referred to hospital.

Thirty-one children attended the Stoke-on-Trent Authority's audiology clinic at Shelton. This was a great help in assessing their hearing abilities and educational requirements and in giving guidance to parents.

In addition, day units for pre-school children with hearing defects are situated at Stafford and Tamworth.

Admissions to Needwood School

Partially hearing children, potentially suitable for admission to Needwood Special School, from Staffordshire and other Local Education Authorities, were examined during the year by the Diagnostic Team which consists of the County E.N.T. Consultant and the Headmaster of Needwood School and the Senior Medical Officer for Schools.

The Team held 5 diagnostic sessions at Needwood School and saw 30 children as a result of which 13 Staffordshire children and 9 children from other areas were recommended for special schooling.

The E.N.T. Consultant made 4 routine visits to advise and supervise treatment of children at Needwood.

Of the more severe cases of deafness 31 children were recommended for admission to special schools and 22 were children from Staffordshire. The recommendations were as follows:--

	<i>children</i>
for Needwood Special School for the Partially Hearing (including 7 from Staffordshire)	.. 22
for the Mount School, Stoke-on-Trent	.. 7
for Royal School for the Deaf, Martley	.. 1
for the Braidwood Day School, Birmingham	.. 1
	<hr/> 31
	<hr/>

The following tables give details of the work which has been carried out at the various ear, nose and throat clinics.

Table 18. Summary of Statistics relating to Ear, Nose and Throat Clinics 1970

Clinic	No. of Sessions	No. of children referred for examination	No. of children who did not attend	No. of children found to have defects	No. of children referred to Hospital	No. of children not needing treatment or observation	No. of children
Aldridge	..	1	20	2	11	5	7
Biddulph	..	1	21	5	7	4	9
Brewood	..	1	16	2	3	4	11
Brownhills	..	3	60	12	35	13	13
Cannock	..	13	254	50	139	65	65
Cheadle	..	2	35	5	18	11	12
Codsall	..	4	75	13	36	16	26
Hednesford	..	4	18	2	12	4	4
Kidsgrave	..	1	34	12	8	5	14
Kinver	..	2	15	4	3	2	8
Leek	..	1	20	5	9	3	6
Lichfield	..	9	169	27	93	54	49
Pheasey	..	1	20	3	8	4	8
Rolleston	..	1	20	1	11	3	8
Rugeley	..	11	204	42	105	42	57
Shelfield	..	1	20	—	9	3	11
Stafford	..	13	257	58	102	53	97
Stone	..	1	18	3	5	3	10
Tamworth	..	5	102	13	72	26	17
Uttōxeter	..	4	77	12	41	19	24
Wombourne	..	3	57	12	20	9	25
	82	1,512	283	747	348	482	

Table 19. Analysis of defects found at County Ear, Nose and Throat Consultant Clinics

Tonsils and/or adenoids	..	..	..	..	266
Catarrhal otitis media	..	..	..	..	214
Chronic otitis media	..	..	..	..	4
Radical mastoid	..	..	..	..	3
Healed suppurative otitis media	..	..	..	..	39
External otitis and aural polypi	..	..	..	..	9
Deafness	..	..	..	..	85
Sinus investigation	..	..	..	..	44
Rhinitis	..	..	..	..	4
Epistaxis	..	..	..	..	1
Wax	..	..	..	..	67
Speech defect	..	..	..	..	2
Mouth breather	..	..	..	..	1
Dental defects	..	..	..	..	1
Deflected nasal septum	..	..	..	..	5
Eustachian obstruction	..	..	..	..	1
Cleft Palate	..	..	..	..	1
					747

Peripatetic Service for Partially Hearing Children

This report has been prepared from information supplied by three peripatetic teachers who are specially qualified to teach children with hearing defects and the table below shows the numbers of boys and girls, in the various age groups, who were receiving the benefit of this service at the end of the year.

Table 20

Years	0-1	1-2	2-3	3-4	4-5	Over 5	Total
	0	4	12	13	31	205	265

At the same time, there were 20 other children whose names were on the waiting list for visiting.

Many of the children, especially those in the pre-school age groups, were visited weekly for the purpose of auditory training and parental guidance. Where necessary, to assist the children and to check their progress, speech training units are in use.

In addition to the domiciliary visits made by the peripatetic teachers, they also visited schools to give help, not only to the children, but also to their class teachers to enable the latter better to understand the problems of the child with partial hearing.

The degree of hearing impairment and extent of the disability varies widely with each age group. In the case of children suffering from conductive deafness, there is hope of improving their hearing by remedial treatment, although in some cases recurring infection proves to be a considerable handicap to a child's normal educational progress.

Audiometric Survey

The audiometrists continued to test the hearing of children of 6 years of age, *i.e.* those born in 1964. Children of various ages, who were presented by head teachers because of a suspicion that hearing was defective, continued to be seen.

The results continue to show the need of examination by an Ear, Nose and Throat Consultant.

The County Council, in co-operation with Newcastle Excepted District, continued to employ a part-time audiometrist for two sessions per week in the north of the County.

Table 21.

	No. examined	No. with hearing abnormal	% with hearing abnormal
Absentees in 1969	1,776	254	14%
Children of 6 years of age ..	10,251	1,027	10%
Children of various ages presented by teachers ..	167	41	25%
	<hr/>	<hr/>	<hr/>
	12,194	1,322	
	<hr/>	<hr/>	

Number of schools visited: 323 in 1970, as against 325 (1969).

In addition, there has been a re-test of 686 children whom it has been considered advisable to keep under supervision. Of these 349 were still found to have a loss of hearing and arrangements were made for them to be examined by the County Ear, Nose and Throat Consultant and A.C.M.O.s.

Teachers presented 167 children, whose hearing ability was suspect in their opinion, to the visiting audiometrists. They were children of all ages outside the 6-year age group being tested. No less than 41, or 25%, were found to have a hearing loss requiring further investigation which was arranged.

There were 1,305 children absent from school at the time of the audiometrists' visits and arrangements will be made for them to be tested during 1971.

The 1,322 children found by the audiometrists to have defective hearing were referred for examination to the County Ear, Nose and Throat Consultant and during the year it was possible to make appointments for 1,187 of them at the various clinics. Of that number 557 were found to require treatment and an analysis of the conditions found is given in the following table.

Table 22. Analysis of Cases of Suspected Deafness referred to County Ear, Nose and Throat Consultant from Audiometric Survey

Significant Deafness

A. Removable:

Deafness due to wax	47
Catarrhal deafness following infection	23
	—
	70
	—

B. Probably Permanent:

Congenital malformation of ear	2
Deafness due to congenital, nerve and mixed causation (of varying degrees of severity) ..	54
	—
	56
	—

Conditions other than Deafness

A. Infective:

Tonsils and/or adenoids	200
Catarrhal otitis media	86
Chronic otitis media	64
Healed suppurative otitis media	20
Acute suppurative otitis media	1
External otitis and aural polypi	8
Radical mastoid	1
Sinus infection	27
	—
	407
	—

B. Non-infective:

Mouth breather	..	..	..	..	6
Speech defects	..	..	..	..	4
Epistaxis	..	..	..	..	5
Rhinitis	..	..	..	..	1
Cleft Palate	..	..	..	..	1
Deviated septum	..	..	..	..	2
Dental defects	..	..	..	..	3
Unco-operative	..	..	..	..	2
					—
					24
Grand Total	..	..	..	..	557
					—

The children in the "Probably Permanent" group were suffering from defects most of which could be assisted by the provision of a hearing aid. In the group of "Infective Conditions", the vast majority can be cured or improved by early medical treatment but, in the absence of this, permanent loss of hearing might develop.

The 47 children with wax in their ears had some degree of deafness which only constituted a handicap until the wax was removed.

Hearing Aids

It is known there are 168 children in this County who have been fitted with hearing aids and of this number, 26 were newly supplied during the year.

Child Guidance

The appointment by the Education Committee of a Senior Educational Psychologist has permitted the division of the Child Guidance Service into Child Guidance Clinics (a School Health Service, directed by the Principal Medical Officer for Mental Health) and the School Psychological Service, under the control of the Senior Educational Psychologist.

The Senior Educational Psychologist is based at the County Education Offices and the psychologists work at the various Child Guidance Clinic premises and in schools and diagnostic units and other establishments, as necessary.

The Child Guidance Clinics, while normally accepting referrals from medical sources, *i.e.* general practitioners, School Medical Officers and Assistant County Medical Officers, will also accept referral from any source.

The role of the School Psychological Service is to provide psychological assessment of individual children as part of the total child guidance investigation and as an aid to assisting teachers and others dealing with children with learning difficulties associated with psychiatric, or medical, problems.

It also provides general advice and guidance to schools on psychological matters.

No reorganisation has been necessary during the year as the work of the clinics has remained fairly stable without any changes of psychiatric staff.

At the end of the year there were six psychiatric social workers working a total of 41 sessions per week. A full Child Guidance team has been maintained at each of the four clinics.

The total number of clinic sessions, with a psychiatrist in attendance, was 644 and the number of children treated was 520.

Four Staffordshire children were seen at hospital clinics and another four were treated by other L.E.A.s and 17 at hospitals. Forty-one children were seen at Lichfield Clinic for the Burton-on-Trent Authority.

Children referred during the year totalled 443 and new cases, *i.e.* seen by the psychiatrist for the first time, amounted to 343. Of these 8 were under five years of age.

The pressure of work continues greatest in the Newcastle area where the clinic serves the needs of the Excepted District as well as the surrounding County area, and the absence of a child psychiatrist working in the hospital service results in cases which would normally have been referred to the hospital service being referred to the Newcastle or Stoke Child Guidance clinics. Thus pressure of work has necessitated a somewhat different policy in that part of the County where the aim has been to provide as extensive a diagnostic service as possible. Actual treatment of individual children by the psychiatrist has been limited, but the aim has been to provide guidance for other social workers such as Child Care Officers, Probation Officers, and others involved in helping the child and its family.

The occasional evening clinic at Lichfield, introduced in 1968, has continued providing improved facilities for adolescents and enabling working parents to attend more easily. Details of the clinics are given in the table following.

Table 23. Child Guidance Clinics

Stafford	13 Lichfield Road (Tel. 52318)	Tuesdays and Fridays all day	Dr. Hazel Baker
Newcastle	Brampton Trees Hanover Street (Tel. 60975)	Monday a.m. Tuesday all day	Dr. W. Johnson
Lichfield	Sandford Street (Tel. 51212)	Mondays, Wednesdays and Thursdays all day with occasional evening clinics in lieu of Thursday mornings	Dr. Hazel Baker
Wombourne ..	Mill Lane Wombourne (Tel. 2495)	Thursday a.m.	Dr. K. Keane

Table 24. Speech Therapy Clinics

**Summary of Statistics relating to children attending Speech
Therapy Clinics during the year**

County Clinics	No. of Children having periodic observation at 31/12/70	No. of Treatments given during year	No. of Children under Treatment at 31/12/70	No. of Children awaiting Treatment at 31/12/70	No. of New Cases during the year	No. of Children discharged during the year
Aldridge*	..	—	171	—	—	38
Audley**	..	—	51	—	—	17
Biddulph**	..	—	181	—	—	11
Brownhills*	..	—	284	—	—	35
Cannock ..	50	1,234	67	30	144	117
Chadsmoor ..	25	560	18	17	46	68
Cheadle ..	10	190	20	3	24	21
Codsall ..	12	204	8	29	38	10
Gnosall ..	3	160	9	2	29	15
Eccleshall ..	7	100	3	2	17	5
Hednesford ..	20	303	13	5	28	34
Kidsgrove**	..	—	120	—	—	12
Leek** ..	..	—	179	—	—	21
Lichfield** ..	..	—	279	—	—	39
Pelsall* ..	..	—	185	—	—	11
Rising Brook ..	46	384	28	9	54	52
Rugeley** ..	..	—	256	—	—	55
Shelfield*	..	—	199	—	—	16
Stafford ..	50	1,484	54	29	123	133
Tamworth** ..	..	—	415	—	—	47
Uttoxeter ..	26	300	17	9	37	41
Walton (Stone) ..	5	140	6	—3	21	8
	254	7,379	243	138	863	838

* Transferred to Aldridge-Brownhills Excepted District as from 1-9-70. Figures up to 30-9-70.

** Clinics closed as from 30-9-70.
Wombourne Clinic was closed throughout 1970.

Table 25.

Hospital or Authority's Clinic	No. of Children having speech therapy at 31/12/70
Burton-on-Trent C.B. .. .. ..	.. 8
North Staffordshire Royal Infirmary .. .. ..	.. 23
Stoke-on-Trent City .. .. ..	.. 3
	34

Table 26. Conditions found at County Speech Therapy Clinics during the year

<i>Diagnosis</i>		<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Cleft palate	.. .. ..	43	4	47
Dysarthria	.. .. ..	13	20	33
Dysenia	.. .. ..	17	2	19
Dyslalia (multiple)	.. .. ..	424	155	579
Dyslalia (simple)	.. .. ..	123	74	197
Dysphasia	.. .. ..	5	5	10
Dysphonia	.. .. ..	6	2	8
Indistinct speech	.. .. ..	3	12	15
Nasality (excessive)	.. .. ..	3	3	6
Nasality (insufficient)	.. .. ..	2	3	5
Retarded language	.. .. ..	104	52	156
Retarded speech	.. .. ..	123	54	177
Stammering	.. .. ..	125	38	163
Stammering and Dyslalia	.. .. ..	22	2	24
 Totals	.. .. ..	<hr/>1,013	<hr/> 426	<hr/> 1,439

Two whole time speech therapists joined the staff whilst two part-time therapists resigned. By the end of the year, six speech therapists were working for the County. Their time was equivalent to 4.3 full-time therapists, which left the establishment short of 1.7 whole-time staff.

One therapist devoted three half days a week to visiting Wightwick Hall special school for the physically handicapped and one session a week was devoted to visiting the William Baxter day special school and Walton Hall and Loxley Hall residential special schools for educationally sub-normal children.

Hospital Treatment

Table 27.

(i) *Treatment of Tonsils and Adenoids:*

No. of children referred by School Medical Officers and County E.N.T. Consultant ..	602
No. of children so referred who received operative treatment	263
Total number of children notified by hospitals who received operative treatment	274
No. who had treatment for other ear, nose and throat conditions	502
No. of children awaiting treatment ..	621

Full information is not received from all hospitals in regard to treatment of these cases. Hospitals endeavour to co-operate by giving priority to urgent cases, but there is often a substantial period of waiting involved before the operative treatment can be obtained. The School Health Service helps by continuously reviewing the children on the waiting lists.

(ii) *Orthopaedic Treatment:*

No. of Children referred to orthopaedic clinics	..	85
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Table 28.

			<i>No. of children newly referred to Hospitals during the year</i>
<i>(iii) Orthoptic Treatment:</i>			
Birmingham & Midland Eye Hospital			11
Burton-on-Trent Hospital	..	..	24
Buxton Hospital	..	..	1
Corbett Hospital	..	..	3
Coventry Hospital	..	..	1
Crewe Memorial Hospital	..	..	1
Derby Royal Hospital	..	..	7
Lichfield Victoria Hospital			60
North Staffs. Hospital Centre			92
Staffordshire General Infirmary	..		144
Sutton Coldfield, Good Hope Hospital			25
Tamworth, St. Editha's Hospital	..		70
Walsall General Hospital	..	..	48
Wolverhampton Eye Infirmary			107
			594

REPORT OF THE COUNTY PRINCIPAL SCHOOL DENTAL OFFICER

Because of the impending division of the County during 1970, separate figures were kept for Aldridge-Brownhills as from 1st January, 1970. The County showed a nett gain of 1.2 dental officers at 31st December, 1970 compared with the previous year.

The number of school children per whole-time dental officer based on the changed school population of 97,222 is still over 7,000 and this must be reduced.

Dental Inspection

During the year 19,573 (or only 20% of the school population compared with 25% the previous year) had a routine dental inspection at school and 193 dental officer sessions were devoted to this work. An additional 7,311 (or 7% of the school population were seen at special or casual inspections (1,532 because of pain or sepsis). A total of 26,884 (or some 27% of the school population against 35% the previous year) therefore was inspected, of whom 1,318 were re-inspected in the course of the year.

Of the number inspected, 15,324 (or 53%) required treatment. The corresponding figures for the 1,318 re-inspected were 822 (or 62%).

Treatment was offered to 14,197 children.

Dental Treatment

A summary of dental treatment provided is detailed on page 45 and this shows that 5,125 sessions were devoted to treatment. The amount of work done was less than in the previous year when 7,079 treatment sessions were recorded. This reflects the temporary loss of dental staff which fortunately, was more than made good before the end of the year.

Table 29.

DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY DURING 1970

1. *Attendances and Treatment:*

		Ages	Ages	Ages 15	
		5 to 9	10 to 14	and over	Total
First Visit	..	5,640	4,229	743	10,612
Subsequent visits	..	5,630	8,858	1,715	16,203
Total visits	..	11,270	13,087	2,458	26,815
Additional courses of treatment commenced		172	228	39	439
Total Courses commenced	..	..	..	..	11,051
Courses of treatment completed		..	..	..	11,289
Fillings in permanent teeth	..	4,094	10,922	2,216	17,232
Fillings in deciduous teeth	..	4,532	405	—	4,937
Permanent teeth filled	..	3,312	9,232	1,972	14,516
Deciduous teeth filled	..	4,262	382	—	4,644
Permanent teeth extracted	..	621	2,126	341	3,088
Deciduous teeth extracted	..	7,472	1,662	—	9,134
General anaesthetics	..	2,661	977	80	3,718
Emergencies	..	976	483	73	1,532
Number of Pupils X-rayed	..	..	..	..	753
Prophylaxis	..	..	..	..	3,100
Teeth otherwise conserved	..	..	..	..	414
Number of teeth root filled	..	..	..	..	64
Inlays	..	..	..	..	—
Crowns	..	..	..	..	51

2. *Orthodontics:*

New cases commenced during year	..	..	138
Cases completed during year	..	..	87
Cases discontinued during year	..	..	17
No. of removable appliances fitted	..	..	170
No. of fixed appliances fitted	..	..	19
Pupils referred to Hospital Consultant	..	..	41

3. *Dentures*

Number of Pupils Fitted with Dentures for the First Time	Ages			Ages 15 and over	Total
	5 to 9	10 to 14	15 and over		
(a) with full Denture ..	—	—	4	..	4
(b) with other dentures	2	36	13		51
Total (a) and (b) ..	2	36	17		55
Number of dentures supplied (first or subsequent time) ..	2	50	17		69

4. *Anaesthetics:*

General Anaesthetics administered by Dental Officers	1,140
--	----	----	----	----	-------

5. *Inspections:*

(a) First Inspection at school. Number of Pupils	19,573
(b) First Inspection at clinic. Number of Pupils	7,311
Number of (a) +(b) found to require treatment	15,324
Number of (a)+(b) offered treatment ..	13,375
(c) Pupils re-inspected at school clinic ..	1,318
Number of (c) found to require treatment ..	822
Number of (c) offered treatment ..	822

6. *Sessions:*

Sessions devoted to treatment ..	..	..	5,125
Sessions devoted to inspection ..	..	..	193
Sessions devoted to Dental Health Education ..	..	..	244

Table 30. Number of suspected cases of Infectious and Contagious Diseases notified by Head Teachers

Disease	Jan.	Feb.	Mar.	April	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals	
													9	
Scarlet Fever	80	195	213	73	17	254	226	16	94	156
Measles	6	22	24	17	66	78	60	15	27	1,859
Rubella	3	6	8	5	25	18	10	6	36	326
Whooping Cough	162	337	324	151	284	248	214	48	84	260
Mumps	107	143	222	59	135	192	140	57	42	1,913
Chicken Pox	35	14	6	4	—	—	3	2	70	1,192
Influenza	6	5	4	2	7	—	3	2	7	76
Impetigo	1	3	—	3	6	19	—	1	1	40
Scabies	—	1	1	1	1	—	—	5	—	49
Ringworm	—	—	—	—	—	—	—	—	—	5
Conjunctivitis	1	—	—	2	—	—	—	—	—	4
Tonsillitis	4	4	—	—	5	—	2	—	—	17
Glandular Fever	—	—	2	—	—	—	1	—	—	5
Enteritis	—	—	—	1	—	—	1	—	7	65
Hepatitis	3	13	13	12	6	3	2	—	1	2
Dysentery	—	—	—	1	1	—	17	4	47	8
Diarrhoea and Sickness	7	—	—	—	—	—	2	2	—	83
Food Poisoning	—	—	—	—	—	—	—	—	—	5
TOTALS	..	432	775	846	333	786	829	771	—	88	328	525	357	6,070

INFECTIOUS AND CONTAGIOUS DISEASES

During the year the number of cases of actual or suspected infectious and contagious diseases notified by Heads in the County increased from 5,500 to 6,070.

This is largely accounted for by increases in the number of cases of scarlet fever, measles and whooping cough, although the number of cases of rubella and chicken pox fell. Scabies cases increased this year from 26 to 49.

Once more the Public Health Laboratory Service has been most co-operative in helping to deal with scarlet fever outbreaks in the County.

This disease, although mild at the present time, can still give rise to middle ear, kidney and other complications and when several cases of sore throat occur in a school it is considered to be justified to take swabs from the noses and throats of the children to see if they are carriers of the scarlet fever organism, the haemolytic streptococci, Group A, and to treat accordingly.

Vaccination against Smallpox

Table 31. No. of children found to have been vaccinated when examined at the periodical medical inspection

Age Group	No. examined	No. vaccinated	No. unvaccinated	Percentage unvaccinated	
				1970	1969
Entrants ..	10,010	5,396	4,614	46	50.4
2nd Age Group	2,365	1,112	1,253	54	50.5
3rd Age Group	8,643	3,637	5,006	58	59.9
Other Periodic Inspections	1,594	889	705	44	53.6
Totals ..	22,612	11,034	11,578	51	53.6

Immunisation

Table 32. No. of children immunised during 1970

Type of Vaccine	Children aged between 5 and 16 years
Quadruple D.T.P.P.
Triple D.T.P.
Pertussis
Diphtheria/Pertussis
Diphtheria/Tetanus
Diphtheria
Measles
Rubella
Tetanus
Smallpox
Poliomyelitis (Oral)

Table 33.**No. of Children who had re-inforcing doses during 1970**

Quadruple D.T.P.P.	..	..	..	..	..	..	1,186
Triple D.T.P.	..	..	..	..	..	..	—
Diphtheria/Pertussis	..	..	..	..	..	..	—
Diphtheria/Tetanus	..	..	..	..	..	..	7,784
Diphtheria	..	..	..	..	..	..	80
Tetanus	..	..	..	..	..	..	1,503
Smallpox	..	..	..	..	..	..	609
Poliomyelitis (Oral)	..	..	..	..	..	..	11,902

Table 34. Summary of Reports received from Chest Physicians

Number of children (aged 5-15 years) on registers at the end of 1969	..	..	..	..	..	65
Number of new cases during the year	..	..	..	..	..	15
Number of deaths	..	..	..	..	..	—
Number transferred to other Authorities	..	..	..	..	..	—
Number discharged having recovered	..	..	..	..	..	15
Number becoming 15 years old	..	..	..	..	..	2
Number of children on registers at end of the year 1970						21

						<i>under Treatment during the year (i.e. at some time during the year)</i>
<i>(a) Pulmonary</i>						
1. Primary Hilar lesions:						
(a) Simple						13
(b) Complicated						2
2. Primary Pleural Effusion						2
3. Miliary						—
4. Adult Type						—
<i>(b) Non-Pulmonary</i>						
1. Lymph Glands:						
(a) Cervical						—
(b) Others						—
2. Bones and Joints						1
3. Meningitis						—
4. Other						—

Health Education

The Health Education Section continued to provide health programmes in 172 schools thus developing the close liaison with schools which has grown in recent years. Most schools now regard these programmes as such an integral part of the curriculum that arrangements are made many months in advance.

Though the health course in each school remains flexible to cater for individual school requests the main consideration is always the interests of the pupil. Such a child-centred programme cannot be provided in every school, unfortunately. A need arises, therefore, to involve the teachers more, wherever possible, in order to develop work in those primary schools not previously reached.

With the publicity given by mass media to sex education, the section received an increasing number of requests from Parent-Teacher Associations for a representative to explain the role of the Health Education Section. In fact it has now become accepted policy to attend such a meeting in any school receiving a programme for the first time. This has undoubtedly proved a valuable platform from which to describe the scope of health education in schools.

A new course in health education was arranged at Madeley College of Education for all first year students. The main aim was to encourage students to participate in health education activities upon qualifying as teachers. Further requests were later received from the college for individual talks on specific topics for other students, thereby acknowledging the value of this work.

A considerable amount of time is now spent by members of the Section with various Youth Organisations. At the request of Leaders, discussion groups are held on a completely informal basis to encourage active participation by everyone present. Usually such a meeting is a sequel to a school programme and is therefore geared to the developing needs of those who attend.

The following details of talks and courses refer only to work involving members of the County Health Education Section. A considerable number of talks on all matters of healthy living were given by many other members of the Health Department staff in schools and youth organisations.

Table 35. Individual Talks (not including courses below).

			<i>No. of Lectures</i>		<i>No. of Pupils</i>
Area Youth Council Meetings	..	2	..	38	
Accident Prevention	..	8	..	248	
Child Development	..	2	..	27	
County Health Services	..	1	..	45	
Dental Health	..	1	..	20	
Drug Dependence	..	17	..	480	
Foot Care	..	2	..	80	
Hygiene—Personal and General		9	..	335	
Mental Health	..	1	..	10	
Personal Relationships	..	35	..	1,411	
Resuscitation	..	8	..	330	
Smoking	..	7	..	279	
V.D.	..	8	..	391	

Table 36. Courses

Primary Schools (Growing Up Course)	..	..	106	..	611
Primary Schools (Health and Hygiene Course)	..	..	8	..	43
Senior Schools (Learning to Live Course)	..	..	160	..	959
Senior Schools (Mothercraft Course)	4			..	28
Senior Schools (Environmental)	3			..	17
College of Education	..	9		..	20

PART V—GENERAL HEALTH

Table 37. Classification of the Physical Condition of Pupils inspected during the year at periodical medical inspections

Age Groups Inspected (By years of birth)	No. of Pupils Inspected	Physical Condition of Pupils Inspected			
		Satisfactory		Unsatisfactory	
		No. (3)	% of Col. 2 (4)	No. (5)	% of Col. 2 (6)
1966 and later	373	370	99.2	3	0.8
1965	4,580	4,537	99.06	43	0.94
1964	5,057	5,046	99.78	11	0.22
1963	650	645	99.23	5	0.77
1962	105	104	99.05	1	0.95
1961	110	108	99.18	2	1.82
1960	59	59	100	—	1.00
1959	582	580	99.65	2	0.35
1958	1,783	1,734	97.25	49	2.75
1957	670	668	99.7	2	0.3
1956	1,398	1,356	97	42	3
1955 and earlier	7,245	7,185	99.17	60	0.83
TOTALS	22,612	22,292	98.6	320	1.4

This year the percentage of children classified at Routine Medical Inspections as being in an unsatisfactory state of health increased from 0.2% to 1.4%. The lowest figure of this nature ever recorded was 23 in 1959 or 0.07%. A classification of this nature is naturally subject to the opinions of the individual medical officers but the position throughout the County, is, in general, satisfactory.

Table 38. Milk in Schools Scheme

Long life milk is being served in nine schools as it has not been possible to obtain supplies of treated milk.

Type of Milk Maintained Schools:	No. of Suppliers supplied	No. of Schools		No. of pupils
		1	9	
Ultra Heat Treated	..	1	9	204
Pasteurised	..	31	392	60,000
		32	401	60,204

Non-Maintained Schools:

Pasteurised	9	14	1,058
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Table 39. Milk for Handicapped Pupils unable to attend school

No. of old applications renewed	19
No. of new applications granted	..	..	6
No. of children who ceased to receive milk during the year	..	..	6

SCHOOL MEALS SERVICE

The following report is based upon information which the Chief Education Officer has kindly supplied:—

The School Meals Service has continued to provide meals in all schools, except one. The rate of expansion was less than in former years and the number staying for meals dropped considerably when the charged was increased in April. In September the number taking a meal increased but the percentage was lower. Seventeen new kitchens opened, including two replacement kitchens, and there were major extensions to three other kitchens.

Many kitchens are still seriously overloaded but the main difficulty being experienced is with inadequate dining facilities where the children have to dine in overcrowded conditions. This problem is being overcome to some extent in secondary schools where a continuous cafeteria systems is in operation, allowing the dining space to be used to an equivalent of 2, 3 or 4 sittings. This system would not be wholly suitable for introduction in primary schools.

In the new comprehensive schools kitchens and serveries are being provided on several floors and this allows dining in smaller units.

Nutritional Standards

There has been no alteration in the quantity of food allowed for each meal. A wide variety of dishes is offered and the majority of secondary schools now have a choice of menu. Unfortunately some of the premises make it very difficult to implement a full choice as space is limited. Some difficulty was experienced when the electricity supplies were cut off but the service was able to ensure that all children attending school had a meal.

Staffing

Except in isolated instances there has been no difficulty in recruiting suitable staff and the high standard has been maintained. There has been one change in the Organising Staff and a second Peripatetic Supervisor was appointed.

Training

Training of staff continued at the two Training Centres at Stafford Girls' High School and Leek, Westwood Primary School. A training course was also held at Lichfield, Nether Stowe Comprehensive School. All newly appointed staff in charge of kitchens have attended specialised courses before taking up appointments. The courses offered are varied; a greater number of General Assistants' courses have been held and these have fostered interest and helped recruitment for the senior posts.

New Kitchens Opened

(a) *In New Schools:*

County Area—

Lichfield, Charnwood Infants School
Lichfield, Charnwood Junior School
Lichfield, The Willows Primary School
Biddulph Day Special School
Stone, St. Michael's C.E. (C) Primary School
Haughton C.E. (C) Primary School
Lichfield, Nether Stowe Comprehensive School

Cannock Chase Division—

Burntwood, The Ridgeway Junior School
Chasetown Comprehensive School
Norton Canes Secondary

(b) *In existing Schools—*

Bobbington, The Corbett C.E. (A) Primary School

(c) *Replacement Kitchens—*

Coven, St. Paul's C.E. (C) Primary School
Dosthill Primary

Major Extensions to Existing Kitchens—

Forsbrook C.E. (C) Infants School
Branston, Rykneld Primary School
Stafford, Walton Comprehensive School 1st Phase

Kitchens Closed—

Ashley, Hugo Meynell Primary School
Lichfield, The Willows Primary School

Meals on Wheels

An average of 402 meals has been supplied from the school kitchens at:—

Ashley Hugo Meynell C.E. Primary
Biddulph Central Kitchen
Codsall Comprehensive
Envile, Countess of Stamford & Warrington C.E.
(C) Primary
Halmerend Secondary
Kinver, Edgecliffe Secondary
Werrington, Moorside Comprehensive
Pattingham, St. Chad's C.E. Primary

Schools without School Meals provision

Hopwas, The Thomas Barnes Primary School

Table 40.

Statistics, as submitted to the Department of Education and Science, relating to the number of meals served on a day during the Autumn.

		1970	1969
No. of children present	.. .. ..	103,695	100,107
No. of meals served to children and adults			
daily	.. .. .. .. ..	70,298	72,376
No. of schools provided	.. .. ..	482	470
No. of schools not provided	.. .. ..	1	1
No. of kitchens	.. .. ..	354	341

PHYSICAL EDUCATION

The following report is based upon information which the Chief Education Officer has kindly supplied.

General

In June the swimming pool at Alleyne's Comprehensive School, Stone was officially opened for the use of the school in term time during school hours and for the general public at other times. It was very well used by both sections.

Primary Schools

The number of schools without suitable indoor and outdoor facilities for regular periods of Physical Education has been reduced as additional and replacement schools have been built. Unfortunately, some schools have become overcrowded and halls equipped with gymnasium apparatus have had to serve as temporary classrooms.

One of the most useful provisions for physical education, particularly for the coaching of games, is the tarmaced playground. At some schools playgrounds have been divided into small areas which are quite unsuitable for physical education purposes.

In districts where there are school or public baths the classes from Infant and Junior Schools received swimming instruction and many children learned to swim and gained county and national awards. Parent Teacher Associations have shewn a continued interest in swimming and a number have raised funds to help provide small outdoor baths at certain schools. A covered pool for use throughout the year has been built at Ogley Hay Primary School.

The standard of work in primary schools varied but there was an improvement in Educational Gymnastics where local courses have been held. Netball is becoming a popular game for older girls in some areas and hockey for boys and girls has been introduced to several schools since courses were held in September. The boys were generally enthusiastic soccer players and some have reached a high standard of team and individual skill. As well as the normal summer field games, athletics has developed particularly by the encouragement given by the 5 Star Award Scheme of the Amateur Association.

Frequent changes of staff have had an adverse effect on the standard of work in some schools.

Secondary Schools

The supply of specialist trained teachers of Physical Education just satisfied the demand in secondary schools. There is need for additional specialist staff in some large comprehensive schools and ancillary helpers to assist teachers with the maintenance of games equipment and day to day preparation of pitches.

Sports halls have been built at Stone, Alleynes and Norton Canes Comprehensive Schools and a swimming pool with one metre spring board diving facilities at Kings Hill Secondary School, Lichfield.

Most secondary schools included the teaching and coaching of a wide range of activities including educational and olympic gymnastics, educational dance, netball, basket ball, volley ball, badminton, athletics, association and rugby football, hockey, lacrosse and tennis. Older boys and girls often took part in activities chosen by themselves and in some areas included horse riding and rock climbing.

Schools held their own athletic sports meetings and the athletics chosen for county and national championships showed a high standard of achievement. Many schools took part in the Five Star Award Scheme inaugurated by the Amateur Association with good results.

Facilities.

County standard gymnasium equipment was installed in eleven new halls. Sports Halls or gymnasiums were equipped at Stone, Alleyne's Comprehensive, Norton Canes, and Chasetown Comprehensive and an indoor swimming pool was provided at Lichfield, Kings Hill Secondary School.

Playing Fields

In addition to those provided at new junior schools a large extension has been made to existing fields at Leek Mountside/Milner Hall. The condition of pitches has improved generally but the field at Maryhill Comprehensive School tends to water-log in winter months.

Swimming Instruction

Twenty-one public and twenty-six school baths were used during the summer term and fifteen public and thirteen school baths during other terms. Pools are needed to serve schools in Kidsgrove and Biddulph.

The following County and National Awards were gained by boys and girls in Primary and Secondary Schools—

Beginners Badges	..	..	..	..	..	10,005
Cloth Badges and 1st & 2nd Class Certificates	..					1,735
Amateur Swimming Association			..	..		1,879
Survival Badges						
Royal Life Saving Society Certificates	..	..				190

To widen the knowledge and practice of artificial resuscitation more sets of Cheshire Wilson Training Apparatus were distributed for use in schools.

Camping and Outdoor Activities.

Camps at Shugborough Park, Cotwalton, Chasewater, and Port Dinorwic were fully used during the summer term for seven day courses in campcraft, pedestrian and canoeing lightweight camping, sailing and climbing.

During the summer holidays cruises for boys and girls were conducted by the Camp Wardens along the East Coast and on the Norfolk Broads. The county sailing team won the Midland inter-county sailing series and in the National Schools' Regatta at Felixstowe gained first place in the National Enterprise race.

Adventure courses of ten or fifteen days duration were held during the Autumn term at Cotwalton, Shugborough Park, Hales Hall and Port Dinorwic. Similar courses were held at Hales Hall during the Spring term and six week long courses in ski-ing were held at Braemar and Aviemore in Scotland. Three hundred and seventeen boys and girls took part and some obtained the ski-ing proficiency award. A total of 6,339 attended weekly or ten-day outdoor activity courses, approximately 1/7th of the secondary school population.

Teachers' Courses

Seventeen local courses for men and women teachers were held including those in educational dance and gymnastics, tennis, hockey, netball, association football, swimming and table tennis. Residential courses were held in various branches of physical education at Madeley College of Education as part of the County Summer School and in sailing at Chasewater.

Clothing and Footwear

Clothing and footwear for physical education were provided on loan to schools for use by pupils unable to provide their own regularly. More parents have supplied their children with the appropriate clothing and plimsolls and games boots.

The voluntary work of teachers out of school hours to supervise and referee games competitions, sports meetings, swimming galas and sailing regattas has continued and contributed greatly to the recreation and education of the boys and girls of school age. Many county Sports Associations have functioned successfully and their work has been helped financially by the Staffordshire Schools' Sports Council.

UNCLEANLINESS

Table 41. Infestation with Vermin

Number of individual examinations of pupils in schools by nurses and authorised persons	156,869
Number of pupils found to be infested	1,714
Number of pupils for whom cleansing notices were issued. S.54(2) Education Act, 1944	—
Number of pupils for whom cleansing orders were issued. S.54(3) Education Act, 1944	—
Number of Sacker Combs sold	14

Table 42. Analysis of Infestation

Number of children with infestation of:

Lice	} Body	..	..	..	..	..	3
		} Head	..	..	..	..	121
Nits	} Head	..	..	..	..	..	1,609
		} Clothing	..	..	..	..	8
	Total number of children						1,741

Each term hygiene inspections are carried out in schools when the children's hair is examined by the school nurses. Usually excellent co-operation is given by the parents who sometimes request that cleansing should be carried out. Unfortunately there are still some children who present a recurring problem of repeated infestation of their heads and need to be kept under continual surveillance by the school nurses.

When parents fail to keep their child's hair in a satisfactory state the Local Education Authority is empowered, after examination by an authorised person, to serve notice upon the parent or guardian of the infested child, requiring cleansing to be carried out. This is to be followed by attendance at a cleansing centre so that an examination may be made. If, despite the notice to the parents the state of the child's hair is still unsatisfactory the school nurse cleanses it and a school medical officer issues a certificate afterwards to the effect that the child's hair is clean.

Should reinfestation quickly recur the Local Education Authority may issue a compulsory cleansing order under which an authorised person is empowered to remove an infested child to a suitable place for cleansing to be carried out. The parent or guardian receives a copy of the order and the authorised person is informed that cleansing is necessary. After compulsory cleansing a certificate is issued by a school medical officer to show that cleansing has been satisfactorily carried out.

Foot Inspections

Foot inspections have always been a regular feature of the work of the nurses in the School Health Service and it is estimated that 424 half-day sessions were devoted to the work during the year.

Further information under this heading is to be found on pages 61 and 62 and tables 43 and 44.

The figures in table 43 show a slight but general improvement in feet but the number of children with unsatisfactory socks rose from 247 in 1969 to 507 in 1970. At the same time the number of children with corns increased by 120 compared with the previous year.

Table 43. Foot Inspections

TYPE OF SCHOOL			
	<i>Infant</i>	<i>Junior</i>	<i>Comp./Sec./Gram.</i>
Number of children with Unsatisfactory Footwear	131	601	145
Number of children with Satisfactory Footwear	8,963	37,224	9,749
Total number of children seen by School Nurse	9,094	37,825	9,894
Number of children with unclean feet	230	929	321
Number of children with Unsatisfactory Socks	158	305	44
Foot Deformities	86	203	87
Number of children with corns	65	338	108
Foot Infections	72	606	357
Number of children referred to S.M.O.s	29	90	70
			189
			<i>Total in all Schools</i>
			877
			55,963
			56,813
			1,480
			507
			376
			511
			1,035
			189

Table No. 44

Showing the percentage of children with:—	<i>Infant</i>	<i>Junior</i>	<i>Comp./Sec./Gram.</i>	<i>Totals</i>
Unsatisfactory footwear	1.4	1.6	1.5	1.5
Satisfactory footwear	98.6	98.5	98.5	98.5
Unclean feet	2.5	2.5	3.2	2.6
Unsatisfactory socks	1.7	0.8	0.4	0.9
Foot deformities	0.9	0.5	0.9	0.7
Corns	0.7	0.9	1.1	0.9
Foot infections	0.8	1.6	3.6	1.8

Enuresis Alarms

Towards the end of 1957 it was decided to provide a number of nocturnal enuresis alarms under the nursing comfort provisions of Section 28 of the National Health Service Act, 1946 and since then there has been a regular demand for these. A report is also included in the annual report of the County Medical Officer of Health, but a brief summary of results is appended in respect of the children of school age who received the treatment during the year.

Table 45.

No. of alarms in use as at 31st Dec.	..	90	Boys	Girls
Waiting list as at 31st December ..	..	149	149	79
No. of children cured during year ..	..	54	54	25
No. of children improved during year ..	..	16	16	15
No. of children relapsed after treatment but much improved .. .. ..	..	2	—	—
No. of children relapsed after treatment and awaiting further trial .. ..	..	12	12	5

Failures

Heavy sleepers .. .. ..	..	1	1
Unco-operative mother .. .. ..	..	6	2

The proportion of cases assisted by this device gives grounds for satisfaction, for treatment in the past has often proved prolonged and difficult.

It is routine procedure to follow up cases twelve months after the trial period with an alarm ended and the criterion of cure is 12 months free from relapse.

Four special schools, Ashley, Needwood, Standon Bowers and Walton Hall have alarms and excellent results have been reported.

SCHOOL PREMISES

Inspection of School Premises

The following table shows the kinds of defects reported by School Medical Officers following their visits to schools during the year. Adverse reports were made upon 125 of the 357 schools which were visited. There were 42 schools with more than one defect. Some of the defects were corrected in the same calendar year and of course other defects, reported prior to 1969, were also rectified.

Although School Medical Officers are required to inspect school premises and to report defects found, unless health is endangered, it does not necessarily follow that it is possible in all cases to have such defects rectified.

Table 46.

<i>Defective Conditions</i>	<i>No. of defects reported</i>		
	<i>Major</i>	<i>Minor</i>	<i>Total</i>
Sanitary	21	30	51
Kitchens	1	29	30
Heating	4	17	21
Supply of Drinking Water ..	—	12	12
Lighting	—	9	9
Cloakrooms	3	7	10
Dining Rooms	1	8	9
Ventilation	—	13	13
Washing Facilities	4	4	8
Playgrounds	7	6	13
General Environment ..	1	16	17
Miscellaneous	5	10	15
 Total Defects reported ..	 47	 161	 208

WATER SUPPLIES

During the year the County Health Inspectorate regularly sampled rural school water supplies for purity and, where applicable, the efficiency of the chlorination equipment and technique.

Five samples were taken for chemical analysis, all of which proved satisfactory.

A total of 20 samples was taken for bacteriological examination, of which 13 were satisfactory and 7 were unsatisfactory.*

(* This figure includes samples taken from known or suspected polluted supplies as a check against the efficiency of sterilisation measures.)

The number of rural schools receiving non-public mains supplies continues to diminish.

The situation at the end of the year was as follows:—

3 schools were sterilising their own local supply.

2 schools were receiving private mains water.

1 school camp was receiving untreated water from its own borehole.

SWIMMING BATHS

All school swimming baths were inspected by the County Health Inspectorate at least once per term as a matter of routine and tests were carried out on the spot to determine both the chlorine and pH content of the water. Advice on the operation of the bath was given to caretakers as and when necessary and special attention was paid to new baths or in cases where difficulties were experienced.

A total of 10 samples was taken for bacteriological examination, of which 6 were satisfactory and 4 were unsatisfactory.

A total of 4 samples was taken for chemical analysis, 1 of which was satisfactory and 3 of which were unsatisfactory.

Table 47. Handicapped Children

Category	Total known handicapped Children		Numbers in Special Schools (as recorded on form 21M)		Number placed in Special Schools in 1970		Number awaiting admission to Special Schools (as recorded on form 21M)		Number in or having special provision at an Ordinary School		Number having Home Tuition including those for admission to Special Schools		At Home without Tuition Pre School Age	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Blind	11	13	8	10	—	2	3	2	—	—	1	4	2	2
Partially Sighted ..	21	16	10	7	—	1	4	1	6	7	1	1	—	—
Deaf	29	28	27	19	4	3	2	1	4	6	—	—	—	—
Partially Hearing ..	104	62	43	24	10	2	1	1	53	30	—	—	6	8
Delicate	286	189	25	13	11	3	1	1	245	168	15	7	6	4
Educationally Sub-normal ..	672	416	296	184	107	61	89	45	171	112	9	13	—	1
Epileptic	49	63	1	4	—	—	—	—	47	57	1	4	1	2
Maladjusted	551	222	50	7	10	2	11	4	479	198	11	13	—	—
Physically handicapped ..	404	305	58	37	5	7	8	9	238	184	34	13	66	62
Speech Defects ..	701	326	1	—	—	1	—	—	699	326	2	—	—	—
TOTALS	2,828	1,640	519	305	151	81	120	64	1,942	1,088	73	52	83	79
GRAND TOTALS ..	4,468		824		232		184		3,030	1,25			162	

N.B.—Pupils attending Hospital Special Schools are only included in this table in the first column.

Only pupils from the Excluded Districts of Aldridge/Brownhills and Newcastle-under-Lyme who are in, or awaiting admission to residential special schools, are included.

The number of school swimming pools continues to increase and the position at the year end was as follows:—

- 12 schools had open air (heated) baths equipped with purification plants.
- 2 schools had fill-and-empty type baths which are hand chlorinated.
- 19 schools had covered baths equipped with purification plants.
- 3 private schools are used by special arrangement.

The schools which have their own swimming baths comprise the following:—

- 19 Secondary Schools.
- 7 Primary Schools.
- 6 Special Schools.
- 1 Training College.

Details relating to swimming baths in Aldridge-Brownhills Urban District are included since, during the year under review they containing to be supervised by County Council staff under a mutual arrangement between the respective Health Departments.

HANDICAPPED CHILDREN

Table 47 includes children who do not come within the categories of handicapped children as defined in the Handicapped Pupils and Special School Regulations, 1959. These suffer from a milder type of handicap which does not prevent their attendance at the ordinary school. They are, however, kept under constant supervision to ensure they are properly placed and so that the necessary action can be taken immediately some special educational provision is necessary.

CONVALESCENCE AND DEBILITATED CHILDREN

419 children suffering from debility and other defects which did not warrant their admission to open-air schools were kept under clinical observation and 21 children (14 boys and 7 girls) were admitted to the convalescent homes for short periods during the year.

Parents value this service, for a period of convalescence has often substantially assisted their children to recover after illness or operation. Liaison is maintained with each child's family doctor before the child is sent for convalescence.

Home tuition

Tuition is provided at home in accordance with Section 56 of the Education Act, 1944 for those children who are so severely handicapped that they cannot attend at either an ordinary, or special school, and also for those who cannot attend an ordinary school whilst a vacancy is being sought for them in a special school. This form of education is decided upon after examination by a School Medical Officer.

One hundred and twenty-five children were receiving tuition at the end of the year.

For 108 of these children tuition at home was the best possible provision at the end of the year but the other 17 children were having home tuition as a temporary measure whilst awaiting a vacancy at a special school. At the end of the year there were 19 other Staffordshire children having tuition in hospital.

Table 48. Classification of children referred to the Mental Health Authority

<i>Classification</i>	<i>No. of Children</i>
Section 57(4) Education Act, 1944	4
Two boys and two girls were referred under Section 57(4).	

Further Education of Handicapped Young Persons

The following report is based upon information which the Chief Education Officer has kindly supplied:—

Further Education for handicapped pupils was provided in the following manner during 1970:—

- (a) *Maintenance of pupils at recognised specialist Colleges.*
Eleven disabled students attended courses at Colleges providing further education and vocational training, e.g. Royal Normal College for the Blind.
- (b) *Home Tuition*
Eight severely handicapped persons were provided with tuition in their own homes, in subjects ranging from basic literacy to G.C.E. 'O' Levels.
- (c) *Grants to British Council for the Rehabilitation of the Disabled*
The Authority continued to give financial assistance to persons in hospital or on convalescence following accidents resulting in disablement. The financial assistance was generally to cover the cost of correspondence courses in academic and vocational subjects such as shorthand and typewriting.

(d) *Classes provided in establishments maintained and assisted by the Authority.*

Classes to meet deficiencies in literacy continued to be held at Stafford College of Further Education and Cannock Chase Technical College and over 400 students attended classes at St. Margaret's Hospital, Great Barr, as part of the Authority's Evening Institute programme.

Classes were held for mentally handicapped persons at St. George's Hospital, Stafford and St. Matthew's Hospital Burntwood. Local clubs for the physically handicapped also had several classes organised by the Authority's evening institutes.

(e) *Transport*

Taxis were provided to enable two handicapped persons to travel to vocational courses at local Colleges of Further Education.

STAFFORDSHIRE'S SPECIAL SCHOOLS

FOR EDUCATIONALLY SUB-NORMAL PUPILS

Residential

		<i>Accommodation</i>
<i>Boys:</i>	Loxley Hall Age Range 8-16 years.	80 boys
	Standon Bowers Age Range 10½-16 years.	60 boys
<i>Girls:</i>	Walton Hall Age Range 8-16 years.	48 girls

Day

	<i>Accommodation</i>
<i>Mixed:</i> William Baxter, Cheslyn Hay Age Range 8-16 years.	110 boys and girls

MALADJUSTED BOYS

Ashley Residential School Age Range 11-16 years.	30 boys
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FOR THE PHYSICALLY HANDICAPPED

<i>Mixed:</i> Wightwick Hall Residential and Day Age Range 5-16 years.	68 Boarding boys and girls 32 day places
--	--

FOR THE PARTIALLY HEARING

<i>Mixed:</i> Needwood. Residential Age Range 5-16 years.	145 boys and girls
--	-----------------------

DEAF

<i>Mixed:</i> The Mount, Stoke-on-Trent (jointly maintained with Stoke City) Day and Residential. Age Range 2-16 years.	76 Boarding 36 day places 12 nursery places
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STAFFORDSHIRE COUNTY COUNCIL

URBAN DISTRICT OF
ALDRIDGE—BROWNHILLS
(EXCEPTED DISTRICT)

**SCHOOL HEATH SERVICE
REPORT**

for 1st September to 31st December, 1970

BY THE

District School Medical Officer

ALDRIDGE-BROWNHILLS URBAN DISTRICT (Excepted District)

SCHOOL HEALTH SERVICE STAFF

District School Medical Officer:

H. SHORE, M.D. D.T.M. & H., D.P.H.

Deputy District School Medical Officer:

W. S. SLATER, M.B., Ch.B., M.R.C.S. L.R.C.P.,
D.P.H.

Medical Officers in Departments:

ELSIE MAY, M.B., B.S., (Sydney), D.C.H., (Lond.)
(Appointed 1/12/70)

A. MEIN, M.R.C.S., L.R.C.P. (Part-time)

G. O'CONNOR, M.B., B.Ch., B.A.O., N.U.I. (Part-time)

MARGARET BAMBER, M.B., B.Ch., B.A.O., D.P.H.
(Part-time)

Ophthalmic Specialists (Part-time):

E. J. McCABE, M.B., Ch.B., D.O.

B. M. McOWAN, M.B., B.S., M.R.C.S., L.R.C.P.,
D.O. (Ldn)

E.N.T. Specialist (Part-time):

W. D. PATERSON, M.B., Ch.B., F.R.C.S.

Physiotherapists (Part-time):

MRS. M. LEWIS, M.C.S.P.

MRS. G. E. MALLETT, M.C.S.P.

Speech Therapist Part-time:

Mrs. S. Anderson, L.C.S.T.

Vision Testing Survey:

MRS. E. HORTON, S.R.N. (Part-time)

Area Dental Officer:

D. R. OGDEN, B.D.S., L.D.S.R.C.S.

District School Dental Officers:

MRS. S. GLOVER, L.D.S.

MRS. M. HAYES, B.D.S. (Resigned 30/9/70)

H. J. VILLIERS, B.D.S. (Part-time)

Consultant in Children's Dentistry:

H LEVISON, B.D.S., F.D.S., R.C.S., D. ORTH.

Dental Anaesthetists (Part-time):

R. I. Gifford, M.B., Ch.B.

G. I. VILLIERS, M.B., B.Ch., B.A.O.

Audiometrist:

MRS. M. MOSS (Part-time)

Peripatetic Teacher of Children with hearing defects:

T. LONSBOROUGH (Part-time)

SCHOOL POPULATION

The number of pupils on the registers of maintained schools (including nursery schools) at the end of the year was 17,456.

Nursery Schools ..	..	..	..	..	1
Infant departments ..	..	..	..	..	13
Infant and Junior departments ..		..	..	..	16
Junior Departments ..	..	..	..	..	10
Secondary Modern Schools ..	..	..	..	..	8
Secondary Grammar Schools ..		..	..	..	2
Special Schools ..	..	..	..	..	1
					—
Total Number of Schools ..		..	..	..	51
					—

INFORMATION OBTAINED BY MEDICAL INSPECTIONS

(Since 1st September, 1970).

Physical Condition

The physical condition of the children examined at periodic medical inspections is shown in Table 1.A in the statistical tables at the end of this report.

Uncleanliness

At periodic cleanliness inspections of children 9,821 examinations were made and 20 individual pupils were found to be infested. No cleansing notices were issued.

Tonsils and Adenoids

At periodical and special examinations 9 children were found to be suffering from enlarged tonsils and/or adenoids and were referred for examination by a specialist. During the period 17 children received operative treatment through arrangements made by the School Health Service. In addition there were 21 children who required only medical treatment and/or observation.

Skin Diseases

Eight cases of skin disease (dermatitis, impetigo, urticaria, ringworm, etc.,) requiring treatment were discovered at medical inspections.

Defective vision and squint

Ten cases of defective vision, including one squint, were discovered at routine and special medical examinations and were referred for treatment.

An Ophthalmic Clinic is held each Friday morning at Aldridge Clinic, Leighswood Road, Aldridge, except the 6th Friday when the clinic is held at Pheasey Welfare Centre, Beacon Road, Great Barr. There is also an Ophthalmic Clinic on alternate Wednesday afternoons at Shelfield Clinic, Coalheath Lane, Shelfield. During the period 321 children had refractions carried out by the Ophthalmic specialists who prescribed glasses for 111 children.

Ear Diseases and Defective Hearing

At routine medical inspections during the period, 27 cases in this category were found to require treatment and all were referred to the E.N.T. Specialist, 6 children were referred to hospital for treatment.

ADDITIONAL EXAMINATIONS

Medical Inspection prior to admission to Training Colleges

During the period 19 pupils had a special medical examination before admission to colleges for training for the teaching profession, as required by the Department of Education and Science. All the pupils were declared medically fit.

Medical Inspection of new Entrants to the Teaching Profession

During the period, 3 medical examinations, including chest X-rays, as required by the Department of Education and Science, were carried out on new entrants all of whom were found to be fit.

Children attending School Camps

During the period 13 children were medically examined before attending organised School Camps.

Education Department Employees

During the period, 68 questionnaires were completed by prospective employees in the Education Department. Four of this number had full medical examinations carried out and all were found fit for employment.

PHYSIOTHERAPY

The physiotherapists provide breathing remedial exercises at the Brownhills and Pelsall Clinics, as shown below:—

Brownhills Clinic, Pier Street, Brown-

hills. Alternate Fridays 9.15 – 12.00 noon

Pelsall Clinic, High Street, Pelsall.

Tuesdays 9.15 – 12.00 noon

Attendances during the period were as follows:—

		<i>at</i>	
		<i>Brownhills</i>	<i>Pelsall</i>
Children having Breathing exercises	..	6	.. 7
Children having Remedial exercises	..	7	.. 16
Total attendances During the period	..	45	.. 55

SPEECH THERAPY

During the period 269 children attended Speech Therapy sessions at:—

Aldridge	..	..	..	Friday	9.00 – 12.00
Brownhills	..	..	..	Monday	2.00 – 4.30
				Thursday	9.00 – 12.00
Pelsall	..	..	..	Tuesday	2.00 – 4.30
Shelfield	..	..	..	Tuesday	9.00 – 12.00
High Heath School	..	..	..	Weds. Fortnightly	2.00 – 4.30

CHIROPODY SERVICE.

Children requiring chiropody were treated by the chiropodist at the Aldridge Clinic on a Friday afternoon and at Pelsall Clinic on a Wednesday morning.

MINOR AILMENT CLINICS

During the year the minor ailment clinics were operated as follows:—

Aldridge Clinic	Wednesday	9.30 – 12.00 (Dr. attends alternate weeks)
Brownhills Clinic	Monday	9.30 – 12.00 (Dr. attends alternate weeks)
Pelsall Clinic	Monday	9.30 – 12.00 (Dr. attends alternate weeks)
Pheasey Clinic	Wednesday	9.30 – 12.00 (Dr. attends alternate weeks)
Shelfield Clinic	Thursday	9.30 – 12.00 (Dr. attends alternate weeks)
Streetly Clinic	Friday	9.30 – 12.00 (Dr. attends 1st Friday of each month)
Walsall Wood Clinic	Thursday	9.30 – 12.00 (Dr. attends 3rd Thursday in each month)

The cases dealt with are included in Table III at the end of this report. During the period the number of attendances at the various minor ailment clinics was 610.

SCHOOL DENTAL SERVICE

Statistics regarding children inspected and treated during the year are given at the end of this report in table IV.

INSPECTION OF SCHOOL PREMISES

Inspections of school premises are carried out by the departmental medical officers when visiting the schools for the medical inspection of pupils. For the convenience of the medical and teaching staffs these inspections are usually carried out on the last day of the visit.

During the period, 5 inspections of school premises were carried out under the Standards for School Premises Regulations, which lay down standards for accommodation, washing facilities, toilets, water supply (both hot and cold), lighting, ventilation, temperature, conditions of playgrounds, cleanliness, etc.

A total of 6 defects in 2 schools were reported to the Divisional Education Officer for information and appropriate action.

X-RAY OF KITCHEN STAFF

During the period, 63 members of the school meals service kitchen staff were x-rayed at a Chest Clinic under the scheme whereby each applicant for a post in this service must be declared free from pulmonary infection radiographically before being appointed. All were examined by a Medical Officer to ensure freedom from infection.

Medical Inspection of Pupils attending Maintained Primary and Secondary Schools (including Special Schools). Period 1st September — 31st December, 1970.

TABLE I.

PART A—PERIODIC MEDICAL INSPECTIONS

<i>Age Groups Inspected (By year of Birth)</i>	<i>No. of Pupils Inspected</i>	<i>Physical Condition of Pupils Inspected</i>	
		<i>Satisfactory</i>	<i>Unsatisfactory</i>
1965 and later ..	130	130	—
1964	149	149	—
1963	21	21	—
1956	420	420	—
1955 and earlier ..	148	148	—
TOTAL	868	868	—

PART B—PUPILS FOUND TO REQUIRE TREATMENT AT PERIODIC MEDICAL INSPECTIONS (excluding Dental Diseases and Infestation with vermin)

<i>Age Groups Inspected (By year of birth)</i>	<i>For Defective Vision (excluding squint)</i>	<i>For any of the other conditions recorded on Table II</i>	<i>Total Individual Pupils</i>
1965 and later ..	3	36	37
1964	12	39	51
1963	—	4	4
1956	26	69	93
1955 and earlier ..	19	33	52
TOTAL	60	181	237

PART C—OTHER INSPECTIONS

Number of Special Inspections	1
Number of Re-Inspections	438
Total	439

PART D—INFESTATION WITH VERMIN

Total number of individual examinations of pupils in schools by School Nurses or other authorised persons	9,821
Total number of individual pupils found to be infested	20
Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944)	—
Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944)	—

TABLE II
 Return of Defects found by Medical Inspection during the Period
 1st September — 31st December, 1970
 PART A—PERIODIC INSPECTIONS

Defect of Disease		ENTRANTS Requiring Treatment		LEAVERS Requiring Treatment		Requiring Treatment		TOTAL Requiring Observation	
Skin	....	7	4	22	3	29	7		
Eyes	(a) Vision	15	6	64	20	79			
	(b) Squint	6	—	6	—	12			
	(c) Other	—	1	1	—	1			
Ears	(a) Hearing	7	1	5	—	12			
	(b) Otitis Media	8	5	—	—	8			
	(c) Other	3	2	1	—	4			
Nose and Throat	...	21	33	12	8	33			
Speech	...	20	3	—	1	20			
Lymphatic Glands	...	—	1	1	—	1			
Heart	...	1	—	1	—	1			
Lungs	...	7	13	7	2	14			
Development	...	—	—	—	—	—			
	(a) Hernia	1	1	—	1	1			
	(b) Other	—	2	—	—	1			
Orthopaedic	...	—	—	1	2	2			
	(a) Posture	—	—	1	14	15			
	(b) Feet	—	—	—	6	6			
	(c) Other	—	—	—	2	2			
Nervous System	...	—	—	—	—	—			
	(a) Epilepsy	—	—	2	8	11			
	(b) Other	—	3	—	—	—			
Psychological	...	—	—	—	—	—			
	(a) Development	—	—	2	—	2			
	(b) Stability	—	3	29	3	3			
Abdomen	...	—	—	—	—	—			
	Other	—	—	—	—	—			

TABLE III.

Treatment of Pupils attending Maintained Primary and Secondary Schools (Including Nursery Schools)

PART A—Eye Diseases, Defective Vision and Squint

				<i>Number of cases known to have been dealt with</i>
External and other, excluding errors of refraction and squint				72
Errors of refraction (including squint)	..	..	..	249
Total	..	..	..	321
Number of pupils for whom spectacles were prescribed	..			111

PART B—Diseases and Defects of Ear, Nose and Throat

				<i>Number of cases known to have been dealt with</i>
Received operative treatment for—				
diseases of the ear	..	..	..	6
adenoids and chronic tonsillitis	..	..	..	17
other nose and throat conditions	..	..	..	—
Received other forms of treatment	..	..	..	3
Total	..	..	..	26
Total number of pupils in schools who are known to have been provided with hearing aids—				
In 1970	..	..	..	1
In previous years	..	..	..	14

PART C—Orthopaedic and Postural Defects

				<i>Number of cases known to have been dealt with</i>
Pupils treated at school clinics or out-patients departments..				—
Pupils treated at school or physiotherapist clinics for postural defects	..	..	..	47
Total	..	..	..	47

PART D—Diseases of the Skin

(excluding uncleanliness, for which see part D, Table I)

				<i>Number of cases known to have been dealt with</i>
Ringworm (a) Scalp	..	..	..	—
(b) Body	..	..	..	—
Scabies	..	..	..	4
Impetigo	..	..	..	4
Other Skin Diseases	..	..	..	271
Total	..	..	..	279

PART E—Child Guidance Treatment (For the whole of 1970)

				<i>Number of cases known to have been treated</i>
Pupils treated at Child Guidance Clinics	..	..	..	51

PART F—Speech Therapy

				<i>Number of cases known to have been treated</i>
Pupils treated by Speech Therapists	..	..	..	269

PART G—Other Treatment given

				<i>Number of cases known to have been dealt with</i>
Pupils with minor ailments	..	..	..	166
Pupils who received convalescence treatment under School Health Service arrangements	..	..	..	1
Total	..	..	..	167

TABLE IV.

**Dental Inspection and Treatment carried out by the Authority
during 1970**

The dental Officers devoted 855 sessions to treatment and 13 sessions to inspections.

Inspections	Pupils
(a) First inspection at school	1,707
(b) First inspection at clinic	2,071
(c) Number found to require treatment (a+b) ..	2,542
(d) Number offered treatment (a+b)	1,719
(e) Re-inspections at school clinic	261
(f) Number of these found to require treatment ..	229

Attendances and Treatment

First visit	2,244
Subsequent visits	2,809
Total visits	5,053
<hr/>	<hr/>
Additional courses of treatment	112
Fillings in permanent teeth	3,448
Fillings in deciduous teeth	1,029
Permanent teeth filled	2,933
Deciduous teeth filled	869
Permanent teeth extracted	764
Deciduous teeth extracted	2,496
General anaesthetics	999
Emergencies	351
Number of pupils X-rayed	157
Prophylaxis	241
Teeth otherwise conserved	349
Number of teeth root filled	9
Inlays	3
Crowns	10
Course of treatment completed	1,524

Orthodontics

New cases commenced during the year ..	36
Cases completed during the year	13
Cases discontinued during the year	5
Number of removable appliances fitted	36
Number of fixed appliances fitted	20
Number of pupils referred to hospital consultants	20

TABLE V.
Staff of the School Health Service

		<i>Number of Officers</i>	<i>Number in terms of full-time Officers employed in the School Health Service</i>
(a)	Medical Officers, including District School Medical Officer	6	2.05
	(i) Whole-time School Health Service	—	—
	(ii) Whole-time School Health and Local Health Service	6	2.05
(b)	Speech Therapists	1	0.65
	Physiotherapists	2	0.15
	Audiometrician	1	0.14
	Chiropodist	1	0.40
	Ophthalmologist	2	0.15
	Vision Testing Nurse	1	0.14
(c)	(i) School Nurses	18	4.38
	(ii) No. of the above who hold a Health Visitor's Certificate	10	2.50
<hr/>			
		<i>Officers employed on a Salary basis</i>	<i>Officers employed on a sessional basis</i>
		<i>Number of Officers</i>	<i>Whole- time Equivalent</i>
		<i>Number of Officers</i>	<i>Whole- time Equivalent</i>
(d)	Dental Staff		
	(i) Area School Dental Officer	1	1
	(ii) Dental Officers	1	0.1
	(iii) Consultant Dental Surgeon	1	0.1
	(iv) Dental Surgery Assistants	4	3.1
	(v) Other staff: Specify Dental Anaesthetist	1	0.5
		1	1
		0.15	0.70
		—	—
		—	—

TABLE VI.

(i) **Number of School Clinics** (*i.e.* premises at which clinics are held for school children) provided by the Local Education Authority for the medical and dental examination and treatment of pupils attending maintained primary and secondary schools:—7

(ii) **Type of Examination and/or Treatment** provided at the school clinics either directly by the Authority or under arrangements made with the Regional Hospital Board for examination and/or treatment to be carried out at the clinic.

<i>Examination and/or/treatment</i>	<i>Number of clinics provided Directly by the Authority</i>
Minor Ailment and other non-specialist examination or treatment	7
Chiropody	2
Ear, Nose and Throat	4
Ophthalmic	3
Physiotherapy & Remedial Exercises	2
Speech Therapy	4
School Medical Officers Special Examinations	7
Vaccination and Immunisation	7

TABLE VII
RETURN OF HANDICAPPED CHILDREN

		During the calendar year ended 31st December, 1970										
		Blind (1)	P.S. (2)	Deaf (3)	Pt. Hg. (4)	P.H. (5)	Del. (6)	Mal. (7)	E.S.N. (8)	Epil. (9)	Sp. Def. (10)	Total (11)
A	How many handicapped children were newly assessed as needing special educational treatment at special schools or in boarding homes?	B	—	1	—	1	1	2	10	—	—	16
		G	1	—	—	—	1	—	6	—	—	8
B	How many children were newly placed in Special Schools (Other than hospital Special schools) or boarding homes? see note	(1) of those included at A above	B	—	—	—	1	1	—	2	—	4
		G	—	—	—	—	—	—	—	—	—	—
		(2) of those assessed prior to January, 1970	B	—	—	1	—	1	—	1	—	3
		G	—	—	—	—	1	—	—	—	—	1
	(3) TOTAL newly placed—	B	—	—	1	—	2	1	—	3	—	7
	B (i) and (ii)	G	—	—	—	—	1	—	—	—	—	1

CHILDREN FOUND UNSUITABLE FOR EDUCATION AT SCHOOL — NIL

TABLE VIII

Handicapped Pupils awaiting places or receiving Education in Special Schools on 31st December, 1970.

	(1) <i>Blind</i>	(2) <i>Partially sighted</i>	(3) <i>Deaf</i>	(4) <i>Partially hearing</i>	(5) <i>Physically handicapped</i>	(6) <i>Delicate</i>	(7) <i>Maladjusted</i>	(8) <i>E.S.N.</i>	(9) <i>Epileptic</i>	(10) <i>Speech defect</i>	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
A. Waiting prior to 1st January, 1970	—	—	—	—	—	—	—	—	—	—	4 Day
(a) Whose parents had refused consent to admission	—	—	—	—	—	—	—	—	—	—	— Res.
(b) Others ..	..	..	—	—	—	—	—	—	—	—	6 Day
Newly assessed since 1st January, 1970	—	—	—	—	—	—	—	—	—	—	— Res.
(c) Whose parents had refused consent to their admission	—	—	—	—	—	—	—	—	—	—	23 Day
(d) Others ..	..	..	—	—	—	—	—	—	—	—	2 Res.
(e) Totals ..	..	..	—	—	—	—	—	—	—	—	—
All the above children are over 5 years of age	—	—	—	—	—	—	—	—	—	—	2 Res.
B. Pupils from the Excepted District on the registers of maintained schools (except hospitals and special classes or units)	—	—	1	—	2	—	2	—	53	—	58 Day
C. Non-maintained Special Schools ..	1	1	—	—	10	—	7	7	—	—	—
D. Independent schools under arrangements made by the Authority	—	—	—	—	—	—	—	—	—	—	9 Day
E. No. of handicapped children receiving home-tuition ..	—	—	—	—	1	1	—	2	—	—	4

STAFFORDSHIRE COUNTY COUNCIL

BOROUGH OF
NEWCASTLE-UNDER-LYME
(EXCEPTED DISTRICT)

**SCHOOL HEALTH SERVICE
REPORT**

for 1970

BY THE

Borough School Medical Officer

BOROUGH OF NEWCASTLE-UNDER-LYME
(Excepted District)

SCHOOL HEALTH SERVICE STAFF

Borough School Medical Officer:

JOHN WARRACK, M.B., Ch.B., D.P.H.

Deputy Borough School Medical Officer:

JOHN A. SCULLY, M.A., M.B., Ch.B., B.A.O., D.P.H.

Departmental Medical Officers:

HENRIETTA PROCTOR, M.B., B.S., M.D. Lond.

MARY ISOBEL COOPER, M.B., B.S.

DOUGLAS G. GARVIE, M.B., Ch.B., (Part time)

Physiotherapists:

Mrs. M. Bowcock, M.C.S.P.

Mrs. T. J. Bladen, M.C.S.P. (Part-time)

MRS. B. WAIN, M.C.S.P. (Part-time)

Speech Therapists (Part-time):

Mrs. J. E. Jones, L.C.S.T. (Resigned 30/7/70)

Ophthalmic Surgeon (Part-time):

P. J. M. Kent, M.R.C.S., L.R.C.P., D.O.M.S.

Area Dental Officer:

R. B. GELDEARD, L.D.S. (Appointed 1/12/70)

School Dental Officers (Part-time):

LESLIE J. MYATT, B.D.S., L.D.S., R.C.S.

MRS. BERYL CULL, B.D.S., L.D.S., R.C.S. (Resigned 31/1/70)

Dental Anaesthetists (Part-time):

Dr. Z. S. Milewski

Dr. J. F. Thompson

Dental Surgery Assistants:

MRS. F. SYKES (Appointed 1/12/70)

MRS. M. J. MULROY (Resigned 13/2/70)

Nursing Establishment

The establishment of health visitor/school nurses was reduced from 19 to 18 giving a school nursing whole time equivalent of 7.20. During most of the year it has been possible to maintain this establishment by using full-time temporary school nurses to make up the lack of health visitor trained staff.

School Population

The number of pupils on the registers of maintained schools (including nursery schools) at the end of the year was 15,018. This represent an increase of 201 over 1969.

Number of schools or departments:—

Nursery Schools	..	..	..	4
Infant Departments	..	..	..	13
Infant & Junior Departments		..	..	9
Junior Departments	..	..	..	12
Secondary Modern Schools	..	..	..	9
Secondary Grammar Schools		..	..	4
Blackfriars	..	..	..	1
The Coppice School	..	..	..	1

INFORMATION OBTAINED BY MEDICAL INSPECTIONS

Physical Condition

The physical condition of the children examined at periodic medical inspections is shown in Table 1.A in the statistical tables at the end of this report.

Uncleanliness

Five children were found to be verminous at routine school medical inspections.

At periodic cleanliness inspections of children a total of 36,544 examinations were made and 632 individual pupils were found to be infested. Twenty-five cleansing notices were issued under Section 54 (2) of the Education Act, 1944.

Eight children were compulsory cleaned at school clinics under Section 54 (3) of the Education Act, 1944.

One hundred and two children were referred to the school clinic for treatment.

Tonsils and Adenoids

At periodical and special examinations 15 children were found to be suffering from enlarged tonsils and/or adenoids and were referred for examination by a specialist. During the year 92 cases received operative treatment through arrangements made by the School Health Service. In addition there were 282 cases which required only medical treatment and/or observation.

Skin Diseases

Fifteen cases of skin disease (dermatitis, impetigo, urticaria, ringworm, etc.,) were discovered, at medical inspections, to require treatment.

Defective Vision and Squint

Forty-four cases (defective vision, 33 and squint, 11) were discovered at routine and special medical examination and were referred for treatment.

The Ophthalmic Clinic was held each Monday morning at Friarswood School Clinic. During the year 784 children had refractions carried out and in 106 cases spectacles were prescribed by the Schools Ophthalmic Consultant.

Ear Diseases and Defective Hearing

At routine medical inspections, 15 cases in this category were found to require treatment and all were referred to Consultants at local hospitals.

ADDITIONAL EXAMINATIONS.

Medical Inspection prior to admission to Training Colleges

During 1970, 112 pupils had a special medical examination by the School Medical Officers before admission to colleges for training for the teaching profession, as required by the Department of Education and Science. All the pupils were declared medically fit.

Medical Inspection of new Entrants to the Teaching Profession

Twelve medical examinations, with subsequent X-ray of chests, as required by the Department of Education and Science, were carried out on new entrants to the teaching profession within the Borough. All the new entrants successfully passed this medical examination.

Children attending School Camps

Towards the end of the year medical questionnaires were introduced for children attending school camps. The completed forms were scrutinised by a medical officer who decided a medical examination was necessary for 19 children who were medically examined before attending organised School Camps.

Education Department Employees

During 1970, 196 medical questionnaires were completed by prospective employees in the Education Department. Ten of this number had full medical examinations and all were found fit for employment.

SELECTIVE MEDICAL EXAMINATIONS

The parents of 1,130 children in the 9+ age group at 22 junior Schools, were invited to complete a medical questionnaire giving details of their children's health. Only 6 parents refused to do so but completed questionnaires were not received back from another 54 parents.

Eventually 590 children were selected for medical examination and of that number, 335 children were found to have defects, or suspected defects, requiring either observation or treatment.

PHYSIOTHERAPY

The Physiotherapists provide treatment at the Clinic at Friarswood House, Priory Road, Newcastle, and at the Blackfriars School, as shown below:—

Approval was given in April to extra physiotherapy sessions being held at Blackfriars School and from the 13th April Mrs. Bowcock's part-time appointment was made full-time.

Blackfriars School

Breathing Exercises, Remedial Exercises and Sun-Ray Clinics held on—

Mondays, Tuesdays and Thursdays ..	9.15 a.m. – 12 noon
	1.30 p.m. – 3.30 p.m.

Hydrotherapy Sessions held—

Wednesdays and Fridays	9.15 a.m. – 12 noon
	1.30 p.m. – 3.30 p.m.

Attendances were as follows:—

	Breathing Exercises	Remedial Exercises (Including Hydrotherapy)	Sun-Ray Treatment
Children	17 ..	66 ..	19 ..
Attendances	476 ..	2,991 ..	293 ..

Friarswood Clinic

Breathing and Remedial Exercises and Sun-Ray Treatment Sessions held—

Tuesday and Thursdays .. 10.00 a.m. — 12 noon
1.30 p.m. — 3.30 p.m.

Attendances were as follows:—

	<i>Breathing Exercises</i>		<i>Remedial Exercises</i>		<i>Sun-Ray Treatment</i>
Children ..	28	..	66	..	21
Attendances ..	478	..	1,337	..	248

Speech Therapy

Following the resignation of the speech therapist on the 30th July, 1970 it was impossible to continue the service after that date, by which time 30 pupils had been treated.

Chiropody Service

Three children found to require chiropody treatment through the School Health Service were treated by the chiropodist at the King Street Clinic.

Child Guidance

Forty children were referred to the Child Guidance Clinic in the Mental Health Centre, Newcastle. At the end of the year, 7 children were under treatment and there were 22 children waiting to be seen.

MINOR AILMENT CLINICS

During the year the minor ailment clinics in the Borough continued to operate as follows:—

Bradwell C.S.M. School	Tuesday	9.30 a.m. — 10.15 a.m.
Chesterton — Loomer Road	Monday	10.30 a.m. — 12 noon (Dr. attends 11.30 — 12 noon)
Clayton — Kingsbridge Ave.	Wednesday	9.30 a.m. — 10.15 a.m.
Crackley Bank C.P. School	Wednesday	10.30 a.m. — 11.30 a.m.
Hempstalls C.P. School	Wednesday	10.00 a.m. — 11.00 a.m.
Knutton — Knutton Lane	Tuesday	10.30 a.m. — 12 noon (Dr. attends 11.00 — 11.30 a.m.)
	Friday	9.30 a.m. — 10.30 a.m.
Newcastle — Friarswood	Monday	2.00 p.m. — 4.00 p.m. (Dr. attends 2.00 — 3.00 p.m.)
	Wednesday	10.30 a.m. — 12 noon (Dr. attends)
	Friday	10.30 a.m. — 12 noon (Dr. attends)
Silverdale — Crown Street	Tuesday	9.30 a.m. — 10.15 a.m. (Dr. attends when required)

Porthill — Inglewood Drive	Tuesday	10.30 a.m. — 11.30 a.m.
	Thursday	10.30 a.m. — 12 noon (Dr. attends 10.45 — 11.30 a.m.)

The cases dealt with are included in Table III at the end of this report. During the year the number of attendances at the various minor ailment clinics was 7,462 which is an increase of 12 on the figure for 1969.

School Dental Service

Statistics regarding children inspected and treated during the year are given later in the report in Table IV.

Inspection of School Premises

Inspections of school premises are carried out by the departmental medical officers when visiting the schools to conduct medical inspections of pupils. For the mutual convenience of the medical and teaching staffs these inspections are usually carried out on the last day of the medical inspection.

During the year, 54 inspections were made and a total of 55 defects in 23 schools were reported to the Borough Education Officer for his information and appropriate action.

Inspections of school premises are carried out under the Standards for School Premises Regulations, 1959, which lay down standards for accommodation, washing facilities, toilets water supply (both hot and cold), lighting, ventilation, temperature, conditions of playgrounds, cleanliness, etc.

School Swimming Baths.

Samples of water from five school swimming baths were, as usual examined.

Newcastle High School

53 samples of swimming bath water were examined for chlorine content, 48 of these were found to be satisfactory and 5 showed a slightly low free chlorine content. 54 samples were sent to the Public Health Laboratory for bacteriological examination of which 48 were reported to be satisfactory and 6 unsatisfactory.

HEARING TEST SURVEY

All Infant Departments were visited by the Audiometrist and the children in the 6+ age group were tested. The results of the survey and the follow-up of cases is tabulated below.

SURVEY RESULTS:

No. Examined	No. showing some hearing loss	Percentage showing some hearing loss
1,116	91	8.1

Follow-up:

Sixty-nine children were referred for treatment and specialist opinion, as shown below:—

No. Referred	Re-exam by Specialist after 3-6 months	Further Hearing Test after 12 months	T's & A's Opera- tion	Other Treat- ment	General Medical Super- vision	No Treat- ment Advised
69	21	30	3	10	5	—

Disinfection of Plimsolls

As has been the practice for a number of years, the plimsolls used in the schools are regularly disinfected at the disinfection centre in Knutton Lane. This is done in an endeavour to control the incidence and spread of foot infections.

Inspection of School Meals Premises

The Public Health Inspectors of the Borough pay periodic visits to premises connected with the preparation and serving of school meals. Defects which are found on such visits are reported to the Borough Education Officer. 49 visits were paid during 1970.

Milk in Schools

The milk supplied to schools is sampled from time to time by the Public Health Inspection Staff. During the year, 21 such samples were submitted for examination at the Public Health Laboratory and all were found to be satisfactory, both in cleanliness and degree of pasteurisation.

X-ray of Kitchen Staff

Ninety members of the school meals service kitchen staff were X-rayed at the Chest Clinic under the scheme whereby each applicant for a post in this service must be declared free

from pulmonary infection radiographically before being appointed. All were examined by a Medical Officer to ensure freedom from infection.

Health Education

Programmes of health education continued in the schools. Talks and film shows were provided when requested and the Health Education Officer participated in special courses at Watlands and Knutton County Secondary Modern Schools.

In October a firework safety campaign was mounted and a talk and film show was given in all Borough primary schools. Poster displays were arranged also.

Assistance has been provided throughout the year to pupils engaged in "projects" dealing with various aspects of health including those associated with the Duke of Edinburgh Award scheme.

Medical Inspection of Pupils attending Maintained Primary and Secondary Schools (including Special Schools). Year ended 31st December, 1970.

TABLE I.
PART A—PERIODIC MEDICAL INSPECTIONS

Age Groups Inspected (By year of Birth)	No. of Pupils Inspected	Physical Condition of Pupils Inspected	
		Satisfactory	Unsatisfactory
		(3)	(4)
1966 and later ..	219	218	1
1965 ..	56	56	—
1964 ..	1,043	1,043	—
1963 ..	291	291	—
1962 ..	129	128	1
1961 ..	321	321	—
1960 ..	119	119	—
1959 ..	100	100	—
1958 ..	182	182	—
1957 ..	233	232	1
1956 ..	1,064	1,058	6
1955 and earlier ..	178	178	—
TOTAL ..	3,935	3,926	9

Column 3 total as a percentage of Column 2 = 99.77%

Column 4 total as a percentage of Column 2 = 0.23%

PART B—PUPILS FOUND TO REQUIRE TREATMENT
AT PERIODIC MEDICAL INSPECTIONS
(excluding Dental Diseases and Infestation with vermin)

Age Groups Inspected (By year of birth)	For Defective Vision (excluding squint)	For any of the other conditions recorded Table II	Total Individual Pupils
1966 and later ..	—	3	3
1965 ..	—	—	—
1964 ..	—	26	26
1963 ..	3	18	20
1962 ..	—	3	3
1961 ..	5	15	20
1960 ..	2	5	7
1959 ..	1	3	4
1958 ..	3	7	9
1957 ..	1	4	5
1956 ..	15	10	25
1955 and earlier ..	3	20	23
TOTAL ..	33	114	145

PART C—OTHER INSPECTIONS

Number of Special Inspections	..	..	..	..	..	..	233
Number of Re-Inspections	..	..	..	..	..	..	56
Total	..	..	..	..	..	..	289

PART D—INFESTATION WITH VERMIN

Total number of individual examinations of pupils in schools by School Nurses or other authorised persons	..	..	..	..	36,544
Total number of individual pupils found to be infested	..	..	..	..	632
Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944)	..	..	..	..	25
Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944)	..	..	..	..	8

TABLE II.

Return of Defects found by Medical Inspection during the year ended 31st December, 1970
 PART A—PERIODIC INSPECTIONS

Defect or Disease	ENTRANTS		LEAVERS		OTHERS		TOTAL
	Requiring Treatment	Requiring Observation	Requiring Treatment	Requiring Observation	Requiring Treatment	Requiring Observation	
Skin	1	61	12	113	2	65	15 239
Eyes	..	..	4	15	87	73	33 175
(a) Vision	..	..	4	42	17	37	11 96
(b) Squint	..	..	1	7	8	15	1 30
(c) Other.. .	..	..			
Ears—							
(a) Hearing	..	..	9	2	8	14	7 31
(b) Otitis Media..	..	..	26	—	6	11	7 43
(c) Other.. .	..	..	4	—	—	—	6 6
Nose and Throat	..	..	178	—	38	5	63 279
Speech.	..	..	36	—	4	5	30 70
Lymphatic Glands	..	..	6	—	3	—	1 10
Heart . . . . .	..	..	14	1	7	1	18 39
Lungs . . . . .	..	..	1	17	1	8	1 3 49
Development—							
(a) Hernia	..	..	5	4	1	1	3 6 8
(b) Other.. .	..	..	10	46	—	7	22 11 75
Orthopaedic—							
(a) Posture	..	..	—	3	—	19	2 15 2 37
(b) Feet ..	..	..	—	24	—	29	4 38 8 91
(c) Other.. .	..	..	—	—	—	35	3 41 3 105
Nervous System—							
(a) Epilepsy	..	..	—	4	1	1	16 1 21
(b) Other	..	..	—	5	—	8	— 45 3 45
Psychological—							
(a) Development	..	..	—	28	—	45	— 78 1 151
(b) Stability	..	..	—	17	—	18	1 27 1 62
Abdomen . . . . .	..	..	2	15	—	1	1 5 29
Other . . . . .	..	..	3	33	4	56	6 31 13 120

PART B—SPECIAL INSPECTIONS

Defect or Disease	SPECIAL INSPECTIONS	
	Pupils requiring Treatment	Pupils requiring Observation
Skin	—	3
Eyes—(a) Vision	—	—
(b) Squint	—	—
(c) Other	—	—
Ears—(a) Hearing	—	111
(b) Otitis Media	—	—
(c) Other	—	—
Nose and Throat	1	3
Speech	1	6
Lymphatic Glands	—	1
Heart	—	4
Lungs	—	4
Development—		
(a) Hernia	—	—
(b) Other	—	—
Orthopaedic—		
(a) Posture	—	—
(b) Feet	1	1
(c) Other	—	6
Nervous System—		
(a) Epilepsy	—	2
(b) Other	—	—
Psychological—		
(a) Development	—	82
(b) Stability	—	2
Abdomen	—	—
Other	—	1

TABLE III.

Treatment of Pupils attending Maintained Primary and Secondary Schools (including Nursery Schools)

Part A—Eye Diseases, Defective Vision and Squint

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	59
Errors of refraction (including squint)	784
Total	843
Number of pupils for whom spectacles were prescribed ..	106

Part B—Diseases and Defects of Ear, Nose and Throat

	Number of cases known to have been dealt with
Received operative treatment for diseases of the ear	4
adenoids and chronic tonsillitis	92
other nose and throat conditions	10
Received other forms of treatment	29
Total	135
Total number of pupils in schools who are known to have been provided with hearing aids—	
in 1970	1
in previous years	10

Part C—Orthopaedic and Postural Defects

						<i>Number of cases known to have been treated</i>
Pupils treated at:—						
School clinics or out-patient departments						45
School or physiotherapy clinics for postural defects	..	..	..	..	..	181
Total	..	..	..	..	..	226

Part D—Diseases of the Skin

(excluding uncleanliness, for which see Part D of Table I)

						<i>Number of cases known to have been treated</i>
Ringworm—(a) Scalp	..	..	..	..	..
(b) Body	..	..	..	..	..	1
Scabies	..	..	..	..	..	25
Impetigo	..	..	..	..	..	33
Other skin diseases	..	..	..	..	..	1,434
Total	..	..	..	..	..	1,493

Part E—Child Guidance Treatment

						<i>Number of cases known to have been treated</i>
Pupils treated at Child Guidance Clinics	..	..	..	..	..
						40

Part F—Speech Therapy

						<i>Number of cases known to have been treated</i>
Pupils treated by Speech Therapists	..	..	..	..	..
						30

Part G—Other Treatment Given

						<i>Number of cases known to have been dealt with</i>
Pupils with minor ailments	..	..	..	..	..
Pupils who received convalescence treatment under School Health Service arrangements	..	..				1,852
Pupils who received B.C.G. vaccination	..	..				3
Other than above						607
Respiratory	..	..	..	..	..	6
Injuries	..	..	..	..	..	226
Total	..	..	..	..	..	2,694

TABLE IV.

**Dental Inspection and Treatment carried out by the Authority
during 1970**

The dental officers devoted 99 sessions to treatment and 1 to inspection.

Inspections					<i>Pupils</i>
(a) First inspection at School	302				
(b) First inspection at clinic	1				
Number found to require treatment	155				
Number offered treatment	155				
(c) Re-inspections at school clinics	23				
Number of these found to require treatment	21				

Attendances and Treatment

First visit	163				
Subsequent visits	294				
Total visits	457				
Additional courses of treatment commenced	137				
Fillings in permanent teeth	510				
Fillings in deciduous teeth	16				
Permanent teeth filled	409				
Deciduous teeth filled	14				
Permanent teeth extracted	37				
Deciduous teeth extracted	46				
General Anaesthetics	—				
Emergencies	—				
Number of Pupils X-rayed	5				
Prophylaxis	146				
Teeth otherwise conserved	—				
Number of teeth root filled	2				
Inlays	—				
Crowns	—				
Courses of treatment completed	166				

Orthodontics

New cases commenced during year	—				
No. of removable appliances fitted	—				
Pupils referred to Hospital Consultant	—				

TABLE V.
Staff of the School Health Service

	<i>Number of Officers</i>	<i>Number in terms of full-time Officers employed in the School Health Service</i>
•(a) Medical Officers (including the Principal School Medical Officer)		
(i) Whole-time School Health Service	—	—
(ii) Whole-time School Health and Local Health Services	4	1.95
(iii) General Practitioners working part-time in the School Health Service	1	0.10
(b)		
Speech Therapists, Physiotherapists	3	1.70
Ophthalmologist	1	1.10
Audiometrician	1	—
Chiropodist	1	0.06
(c)		
(i) School Nurses	17	7.20
(ii) No. of the above who hold a Health Visitor's Certificate ..	15	—

	<i>Officers employed on a Salary basis</i>		<i>Officers employed on a sessional basis</i>	
	<i>Number of Officers</i>	<i>Nos. in terms of full-time Officers em- ployed in the School Den- tal Service</i>	<i>Number of Officers</i>	<i>Nos. in terms of full-time Officers em- ployed in the School Den- tal Service</i>
(d) Dental Staff—				
(i) Principal School Dental Officer	—	—	—	—
(ii) Dental Officers	1	1	1	0.20
(iii) Orthodontists (if not already included in (d)(i) or (d)(ii) above	—	—	—	—
(iv) Dental Surgery Assistants ..	1	1	—	—
(v) Other Staff (specify)— Dental Anaesthetist ..	—	—	1	—

* All Medical Officers of the School Health Service other than those employed part-time for specialist examination and treatment only.

TABLE VI.

(i) **NUMBER OF SCHOOL CLINICS** (*i.e.* Premises at which clinics are held for school children) provided by the Local Education Authority for the medical and/or dental examination and treatment of pupils attending maintained primary and secondary schools.

11 (including one Mobile Dental Clinic)

(ii) **TYPE OF EXAMINATION AND/OR TREATMENT** provided at the school clinics either directly by the Authority or under arrangements made with the Regional Hospital Board for examination and/or treatment to be carried out at the clinic.

<i>Examination and/or treatment</i>	<i>Number of School Clinics (i.e. premises) where such treatment is provided</i>	
	<i>Directly by the Authority</i>	<i>Under arrangements made with Regional Hospital Boards or Boards of Governors of Teaching Hospitals</i>
Minor Ailment and other non-specialist examination or treatment	9
Asthma	—
Audiology	—
Audiometry	—
Chiropody	1
Ear, Nose and Throat	—
Enuretic	—
Ophthalmic	1
Orthoptic	—
Orthopaedic	—
Paediatric	—
Physiotherapy & Remedial Exercises	2
Speech Therapy	3
School Medical Officers Special Examinations	1
Sun Ray (U.V.L.)	2
Vaccination and Immunisation	6

TABLE VII.
RETURN OF HANDICAPPED CHILDREN

During the calendar year ended 31st December, 1970		(1) <i>Blind</i> (2) <i>Partially sighted</i>		(3) <i>Deaf</i> (4) <i>Partially hearing</i>		(5) <i>Physically handicapped</i> (6) <i>Delicate</i>		(7) <i>Maladjusted</i> (8) <i>E.S.N.</i>		(9) <i>Epileptic</i> (10) <i>Speech Defects</i>		Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
A. No. of handicapped children newly assessed as needing special educational facilities ..		—	—	1	—	1	—	—	10	—	—	13 Day 3 Res.
B. No. of children newly placed in special schools		—	—	—	—	—	—	—	—	1	—	—
(i) Of those shown at A. above ..		—	—	—	—	—	—	1	—	—	—	1 Day 3 Res.
(ii) Of those assessed prior to 1/1/70 ..		—	—	—	—	—	—	—	—	13	—	13 Day 2 Res.
Totals	—	—	—	—	—	—	1	—	13	—	14 Day 5 Res.

CHILDREN FOUND UNSUITABLE FOR EDUCATION AT SCHOOL

During the year under review, four children were the subject of new decisions recorded under Section 57 of the Education Act, 1944.

TABLE VIII.

Handicapped Pupils awaiting places or receiving Education in Special Schools
on January 22nd, 1971

	(1) <i>Blind</i>	(2) <i>Partially sighted</i>	(3) <i>Deaf</i>	(4) <i>Partially hearing</i>	(5) <i>Physically handicapped</i>	(6) <i>Delicate</i>	(7) <i>Maladjusted</i>	(8) <i>E.S.N.</i>	(9) <i>Epileptic</i>	(10) <i>Speech Defects</i>	Total (11)
A. Waiting prior to 1st January, 1970											
(a) Whose parents had refused consent to their admission ..	—	—	—	—	—	—	—	—	4	—	4 Day
(b) Others ..	—	—	1	—	—	—	2	—	—	—	3 Res.
Newly assessed since 1st January, 1970	—	—	—	—	—	—	—	—	8	—	8 Day
(c) Whose parents had refused consent to their admission ..	—	—	2	—	—	—	—	—	—	—	2 Res.
(d) Others ..	—	—	—	—	—	—	—	—	—	—	—
(e) Totals ..	—	—	—	—	—	—	—	—	—	—	—
B. Pupils from the Excepted District on the registers of maintained special schools (except hospitals and special classes or units) ..	2	1	5	—	—	—	44	12	—	70	134 Day
C. No. of handicapped pupils receiving home tuition ..	—	—	—	—	—	—	3	5	6	1	23 Res.
							2	—	—	—	4

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